S G H - T 4 9 9

P O R T A B L E Q U A D - B A N D

M O B I L E P H O N E

User Manual
Please read this manual before operating your phone, and keep it for future reference.

T499_UG_EN_08042011_D4

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Warning

Depending on the user interface used in the handset, you may experience slow keypad response when performing tasks in the background. This can impact making phone calls. When there is no activity or change in the icons at the top of the main LCD display, the handset will resume normal operations.

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Section 1: Getting Started

This section explains how to get started with your phone by installing and charging the battery, installing the SIM card and optional memory card, and setting up your voice mail.

Before using your phone for the first time, you'll need to install and charge the battery and install the SIM card. The SIM card is loaded with your subscription details, such as your PIN, available optional services, and many other features. If desired, you can also install an SD card to store media for use with your phone.

Understanding this User Manual

The sections of this manual generally follow the features of your phone. A robust index for features begins on page 171.

Also included is important safety information that you should know before using your phone. This information is available near the back of the guide, beginning on page 162.

This manual provides navigation instructions according to the default display settings. If you select other settings, navigation may be different.

Unless otherwise specified, all instructions in this manual assume you are starting from the Home screen and using the available keys.

Note: Instructions in this manual are based on default settings, and may vary from your phone, depending on the software version on your phone, and any changes to the phone's Settings.

Unless stated otherwise, instructions in this User Manual start with the phone unlocked, at the Home screen.

All screen images in this manual are simulated. Actual displays may vary, depending on the software version of your phone and any changes to the phone's Settings.

Special Text

Throughout this manual, you'll find text that is set apart from the rest. These are intended to point out important information, share quick methods for activating features, to define terms, and more. The definitions for these methods are as follows:

- **Notes**: Presents alternative options for the current feature, menu, or sub-menu.
- **Tips**: Provides quick or innovative methods, or useful shortcuts.
- **Important**: Points out important information about the current feature that could affect performance.
- **Warning**: Brings to your attention important information to prevent loss of data or

functionality, or even prevent damage to your phone.

Text Conventions

This manual provides condensed information about how to use your phone. To make this possible, the following text conventions are used to represent often-used steps:

- ➔ Arrows are used to represent the sequence of selecting successive options in longer, or repetitive, procedures.

Example: From the Home screen, press (**Menu**) ➔ **Settings** ➔ **Wireless and networks** ➔ **Bluetooth settings**.

Battery Cover

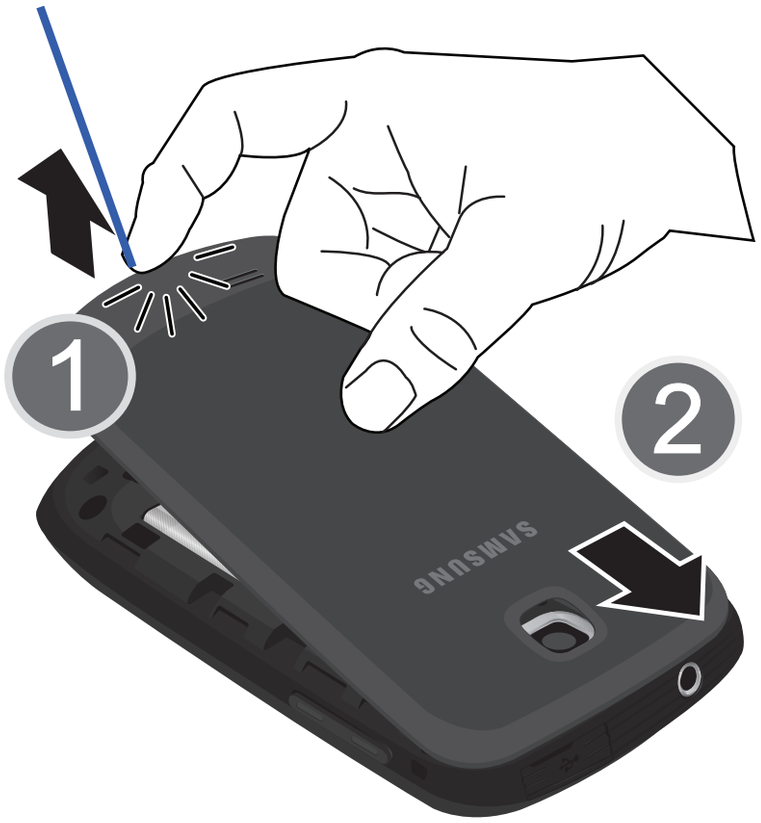
The battery and SIM card are installed under the battery cover.

Important!: Before removing or replacing the battery cover, make sure the phone is switched off. To turn the phone off, hold down the key until the power-off image displays, then tap **Power off**.

To remove the battery cover:

1. Hold the device firmly and locate the cover release latch.
2. Place your fingernail in the opening and firmly “pop” the cover off the device (similar to a soda can).

Release Latch



To replace the battery cover:

- ▶ Position the battery cover over the battery compartment and press down until you hear a click.

SIM Card Overview

Important!: Before removing or replacing the battery cover, make sure the phone is switched off. To turn the phone off, hold down the key until the power-off image displays, then tap **Power off**.

The SIM card is loaded with your subscription details such as your telephone number, PIN, available optional services, and many other features.

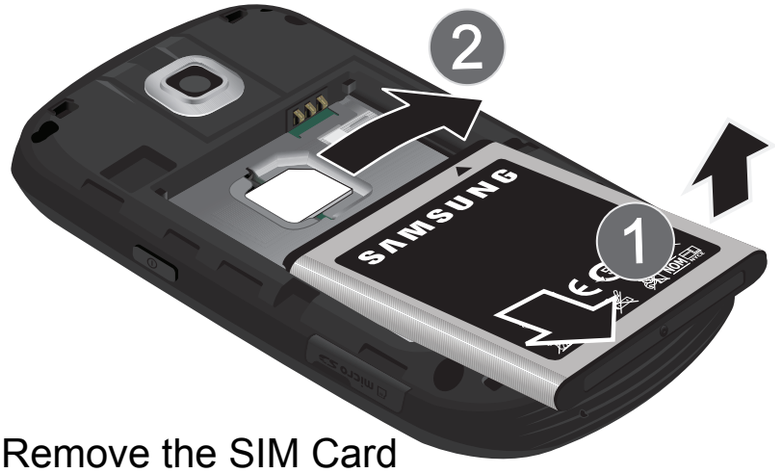
Important!: The SIM card and its information can be easily damaged by scratching or bending, so be careful when handling, inserting, or removing the card. Keep all SIM cards out of reach of small children.

Installing and Removing the SIM card

To install the SIM card:

1. Confirm the battery is not currently installed within the battery compartment. The battery blocks the proper installation of the SIM card into the slot.
2. Carefully slide the SIM card into the SIM card socket until the card is secured into place. Make sure that the card's gold contacts face down and that the upper-left angled corner of the card is positioned as shown.

Install the SIM Card



Remove the SIM Card

To remove the SIM card:

1. If installed, remove the battery from its compartment (1 and 2). The battery will block the proper removal of the SIM card from the slot.
2. Carefully slide the SIM card out of the SIM card socket.

Note: If the card is not inserted correctly, the phone will not detect it and no service will be available. If this happens, turn off the phone, remove the card, and reinstall the card in the correct orientation.

Installing the microSD Memory Card

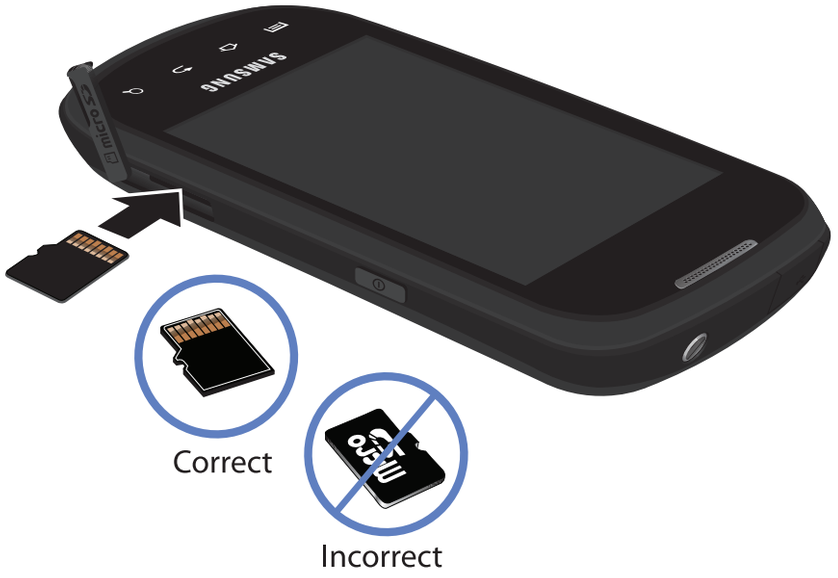
Your phone supports an optional (external) microSD™ or microSDHC™ memory card for storage of media such as music, pictures, video and other files. The SD card is designed for use with this mobile phone and other devices.

Note: microSD memory cards include capacities of up to 2GB.
The microSDHC™ memory card types can range from 4GB to up to 32GB.

Note: This device supports up to a 32GB microSDHC memory card.

1. Remove the microSD card slot cover.
2. Orient the card as shown in the illustration.
3. Firmly press the card into the slot and make sure that it catches with the push-click insertion. For more information on how to use the SD card see *"Using the SD Card"* on page 39.

Important!: Be sure to align the gold contact pins on the card with the phone's contacts.



Removing the microSD Memory Card

1. Remove the microSD card slot cover.
2. Firmly press the card into the slot and release it. The card should pop partially out of the slot.
3. Remove the card from the slot.

Battery

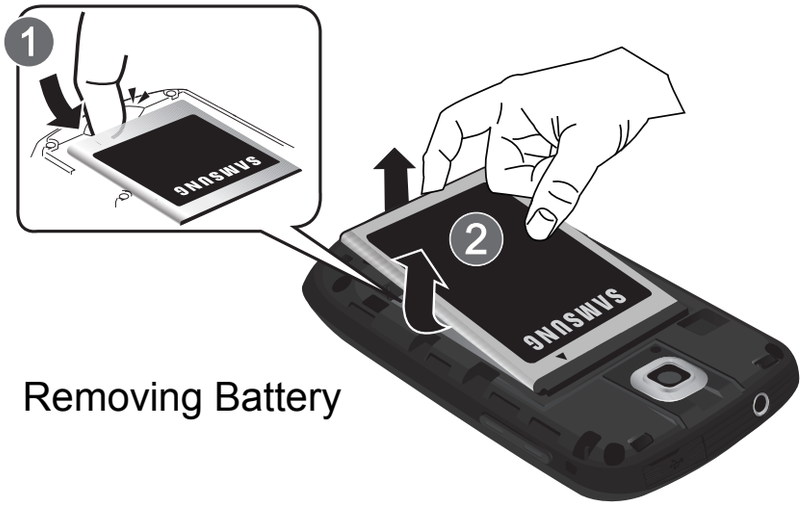
Before its initial use, install the battery and charge it fully.

Important!: Before removing or replacing the battery cover, make sure the phone is switched off. To turn the phone off, hold down the key until the power-off image displays, then tap **Power off**.

Installing the Battery

1. Slide the battery into the compartment (1) so that the tabs on the end align with the slots at the bottom of the phone, making sure the connectors align.
2. Gently press down to secure the battery (2).

Installing Battery



Removing Battery

Removing the Battery

1. Place your finger into the battery groove (1).
2. Grip the battery (2) and lift it up and out of the battery compartment.

Charging the Battery

Your phone is powered by a rechargeable Li-ion battery. A wall charger, which is used for charging the battery, is included with your phone. Use only approved batteries and chargers. Ask your local Samsung dealer for further details.

Before using your phone for the first time, you must fully charge the battery. A discharged battery recharges fully in approximately 4 hours.

Verify that the battery is installed prior to connecting the wall charger. If both the wall charger is connected and the battery is not installed, the handset will power cycle continuously and prevent proper operation. Failure to unplug the wall charger before you remove the battery, can cause the phone to become damaged.

Important!: Although the battery comes partially charged, it is recommended you fully charge the battery before using it for the first time.

---

1. Slide open the Charger/Accessory jack cover.
2. Insert the USB cable into the device's Charger/Accessory jack.
3. Plug the charger into a standard AC power outlet.

Note: This illustration displays both the **correct** and **incorrect** orientation for connecting the charger. If the charger is incorrectly connected, damage to the accessory port will occur therefore voiding the phone's warranty.

4. When charging is finished, first unplug the charger's power plug from the AC wall outlet, then disconnect the charger's connector from the phone.

Important!: If your handset has a touch screen display, please note that a touch screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty. For more information, refer to *"Warranty Information"* on page 168.

Low Battery Indicator

When the battery level is low and only a few minutes of talk time remain, a warning tone sounds and the "Low battery" message repeats at regular intervals on the display. In this condition, your phone conserves its remaining battery power, by dimming the backlight.

When the battery level becomes too low, the phone automatically turns off.

Important!: Inaccurate Battery Charge Indication Following Brief Recharge
Under certain circumstances, such as when a depleted battery is only charged briefly, the battery charge icon may, for a period of time, incorrectly indicate the charge level. After some use, when the

battery charge icon correctly displays the remaining charge, it may appear that the battery has become depleted after only minimal use.
A full recharge cycle (approximately four hours) is needed to fully recharge the battery and the battery charge icon should not be relied upon shortly after only a brief recharge of a substantially depleted battery.

Note: Some applications which rely upon accurate charge level information may not function properly after a brief recharge of a substantially depleted battery.

Extending Your Battery Life

Active applications, light levels, Bluetooth usage, and GPS functionality all act to drain your battery. The following is a list of helpful tips that can help conserve your battery power:

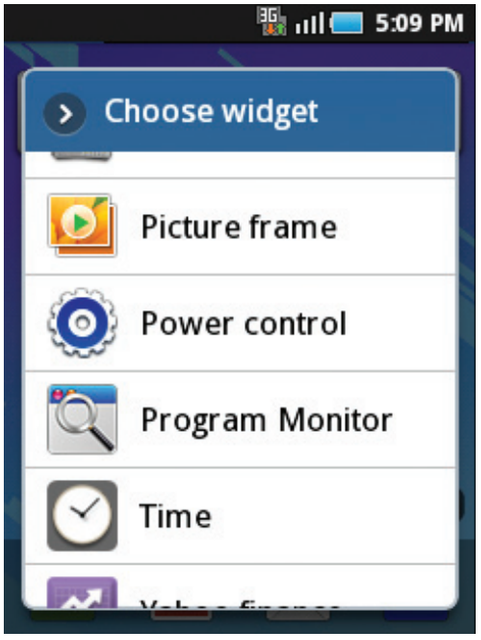
- Use the Power Control shortcut bar.
- Reduce your backlight on time.
- Turn Bluetooth off when not in use.
- Turn Wi-Fi off when not in use.
- Deactivate the GPS when not needed. Most applications using this function will periodically query the GPS satellites for your current location; each query drains your battery.
- Do not wait until your battery is completely depleted before charging your device. Repeating this process of a complete discharge and recharge can over time reduce the storage capacity of any battery.
- Turn off Automatic application sync.
- Use the Power Control Widget to deactivate hardware functions such as Wi-Fi, Bluetooth, GPS, Synchronization, or LCD brightness setting.
- Check the Battery use screen to review what features or functions have been consuming your battery resources.
- Check the Running Services and close any unnecessary applications.
- Use the Task Manager feature to end/shutdown background applications that are still running. These minimized applications can, over time, cause your device to “slow down”.

Power Control

Active applications, Wi-Fi, Bluetooth, GPS, Synchronization, or the LCD Brightness functionality all act to drain your battery.

The Power Control shortcut bar was designed to quickly activate (turn on), or deactivate (turn off) those functions or applications that use the most battery power.

1. From the Home screen, touch and hold an empty area until the **Add to Home screen** menu displays.



2. Tap **Widgets** ➔ **Power control**. The Power Control shortcut is added to the current screen.
3. Tap any of the icons on the Power Control shortcut bar to activate/deactivate the feature.

Note: A green bar displayed beneath the icon means the application is active (turned on). The green bar is removed from beneath the icon when the feature is deactivated (turned off).

Switching the Phone On or Off

If you do not have a SIM card installed the first time you turn on the device, you are presented with a No SIM icon ( ) displays.

At this point you can make an emergency call with the phone but normal cell phone service is not available.

1. Press and hold until the phone switches on.

   The phone searches for your network and after finding it, you can make or receive calls.

Note: The display language is preset to English at the factory. To change the language, use the Language menu. For more information, refer to *"Language & Keyboard Settings"* on page 156.

---

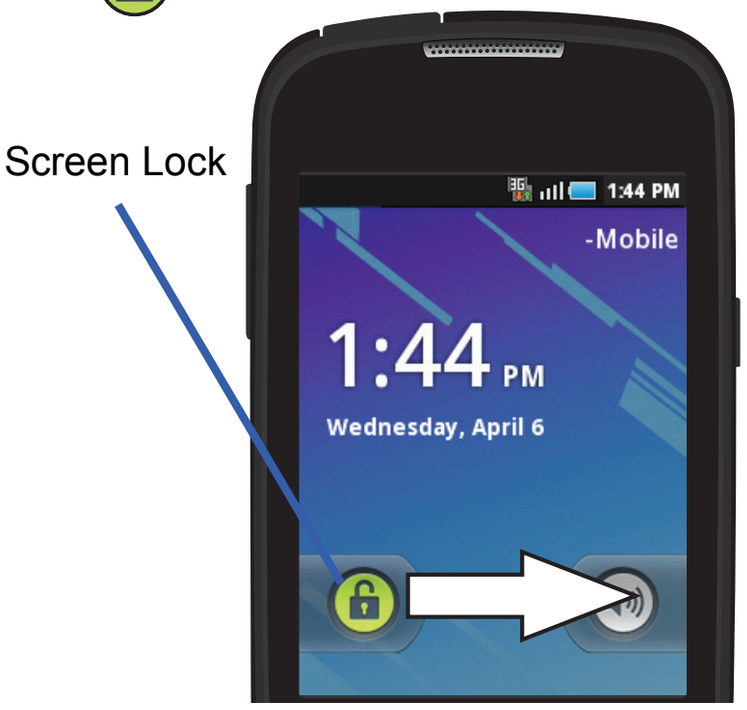
2. Press and hold until the Phone options screen appears.
3. Tap **Power Off** ( ).

Locking and Unlocking the Phone

By default, the phone screen locks when the backlight turns off.

To unlock your phone from this lock screen:

- Touch and drag the screen lock icon to the right.



Note: You can choose to configure lock settings to prevent unauthorized use of your phone. For more information, refer to *"Setting up SIM Card Lock"* on page 149.

Creating a New Google Account

You should create a Google™ Account when you first use your device in order to fully utilize the functionality. This account provides access to several device features such as Gmail, Google Maps, Google Search, and the Android Market applications. Before you are able to access Google applications, you must enter your account information.

These applications sync between your device and your online Google account.

To create a new Google Account from your phone:

1. From the Home screen, tap (**Market**).
2. Read the introduction and tap **Next** ➔ **Create** to begin.
3. Follow the on-screen instructions to create a Google Account.

   – or –

   If this is not the first time you are starting the phone, tap ➔ (**Gmail**).

Note: If you already have a Google account, you only need to sign in.

To create a new Google Account from the Web:

1. From a computer, launch a Web browser and navigate to www.google.com.
2. On the main page, click **Sign in** ➔ **Create an account now**.
3. Follow the on-screen prompts to create your free account.
4. Look for an email from Google in the email box you provided, and respond to the email to confirm and activate your new account.

Signing into Your Google Account

1. Launch an application that requires a Google account (such as Android Market or Gmail).
2. Click **Next** ➔ **Sign in**.
3. Tap the **Username** and **Password** fields and enter your information.
4. Tap **Sign in**. Your device communicates with the Google servers to confirm your information.
5. If prompted, create a new Gmail username by entering a prefix for your **@gmail.com** email address.

Retrieving your Google Account Password

A Google account password is required for Google applications. If you misplace or forget your Google Account password, follow these instructions to retrieve it:

1. From your computer, use an Internet browser and navigate to http://google.com/accounts.
2. Click on the **Can't access your account?** link.
3. Enter your full Gmail address and click **Submit**. Follow the password recovery procedure.

Voice Mail

Setting Up Your Voice Mail

Your device automatically transfers all unanswered calls to voicemail, even if your device is in use or turned off. As soon as your battery is charged and the SIM card inserted, activate your voicemail account.

Important!: Always use a password to protect against unauthorized access.

For new users, follow the instructions below to set up voice mail:

Note: Voicemail setup may be different depending on your network.

1. From the Home screen, tap and then touch and hold the 1 key until the phone dials voice mail.

   You may be prompted to enter a password.

2. Follow the tutorial to create a password, a greeting, and a display name.

Accessing Your Voice Mail

1. From the Home screen, tap and then touch and hold 1 until the phone dials voice mail.
2. When connected, follow the voice prompts from the voice mail center.

Accessing Your Voice Mail From Another Phone

1. Dial your wireless phone number.
2. When you hear your voicemail greeting, press the asterisk key on the phone you are using.
3. Enter your passcode.

Task Manager

Your phone can run applications simultaneously, with some applications running in the background.

Sometimes your device might seem to slow down over time, and the biggest reason for this are background applications. These are applications that were not properly closed or shutdown and are still active but minimized. The Task Manager not only lets you see which of these applications are still active in the background but also easily lets you choose which applications are left running and which are closed.

Note: The larger the number of applications running on your phone, the larger the energy drain on your battery.

Task Manager Overview

▶ From the Home screen, tap → **Task Manager** ( ).

– or –

Press and hold then tap **Task manager**. This screen contains the following tabs:

- **Active applications** display those currently active applications running on your phone.
- **Package** displays any installed packages or applications from the Market that are

taking up memory space. Tap **Uninstall** to remove them from your phone.

- **RAM**, which displays the amount of current RAM (Random Access Memory) currently being used and allow you to **Clear memory**.
- **Summary** displays a visual graph indicating the available and used space within the Random Access Memory (RAM), Storage, and External SD card.
- **Help** provides additional battery saving techniques.

Shutting Down an Currently Active Application

1. From the Home screen, tap **➔Task Manager** ( ).
2. From the **Active applications** tab, tap **End** to close selected applications or tap **End all** to close all background running applications.

Section 2: Understanding Your Phone

This section outlines key features of your phone. It also describes the phone's keys, screen and the icons that display when the phone is in use.

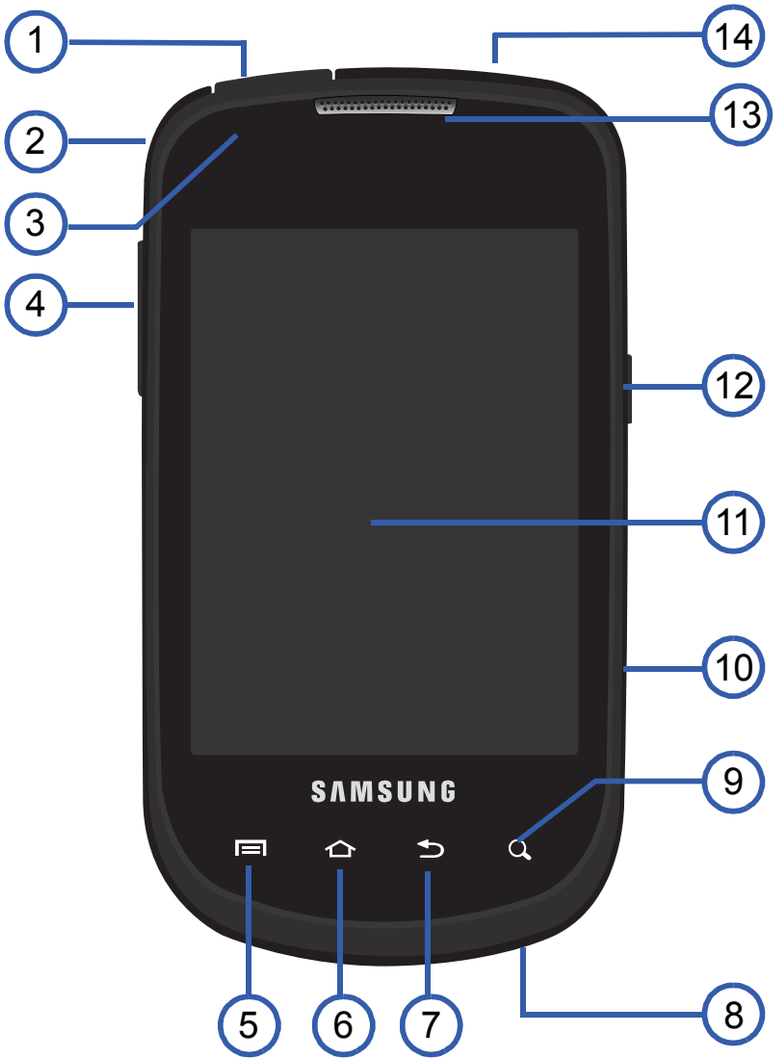
Features of Your Phone

Your phone is lightweight, easy-to-use and offers many significant features. The following list outlines a few of the features included in your phone.

- Touch screen with virtual (on-screen) QWERTY keyboard
- Android 2.2, Froyo
- Compatible with Adobe® Flash®
- Wi-Fi ® Capability
- USB Tethering-capable
- Bluetooth enabled
- Full integration with Google applications (Gmail, YouTube, Google Maps)
- Multiple Messaging Options: Email, Picture Messaging, Google Talk, Google Search, Video Messaging, Text Messaging, Predictive Text
- Supports synchronizing with a corporate email account
- 3.0 Megapixel camera and video with multi shot and digital zoom
- MP3 player with Multitasking features
- Assisted GPS (GPS Navigation)
- Webkit-based browser
- Downloadable applications from Android Market
- Up to 32GB expandable memory slot
- Mobile Hotspot Capability
- YouTube

Front View

The following illustrations show the main elements of your phone:



The following list correlates to the illustrations.

1. **USB Power/Accessory connector** allows you to connect a power cable or optional accessories such as a USB/ data cable.
2. **Strap holder** is used to connect a carrying strap to the phone.
3. **Proximity Sensor** detects how close an object is to the surface of the screen. This is typically used to detect when your face is pressed up against the screen, such as during a phone call.
   - While talking on the phone, the sensor detects talk activity and locks the keypad to prevent accidental key presses.
4. **Volume key** allows you to adjust the ringer volume in standby mode (with the phone open) or adjust the voice volume during a call. When receiving an incoming call:
   - Pressing the volume key down mutes the ring tone.
5. **Menu key** displays a list of options available for the current screen. From the Home screen it displays Add, Wallpaper, Search, Notifications, Edit, and Settings options.
6. **Home key** displays the Home screen when pressed. When you tap and hold this key, it displays Recent applications and the Task manager.
7. **Back key** redisplays the previous screen or clears entries.
8. **Microphone** is used during phone calls and allows other callers to hear you clearly when you are speaking to them. It is also used to make voice note recordings.
9. **Quick search** is used to search the device for applications, contact information, or searches the internet for information.
10. **microSD Card Slot** allows you to use a microSD card to expand the memory of your phone.

11. **Display** shows all the information needed to operate your phone, such as the connection status, received signal strength, phone battery level, and time.
12. **Power/End key** ends a call or switches the phone off and on. Press and hold for two seconds to turn off Silent mode, Flight mode, or to turn the phone on or off.
13. **Receiver** allows you to hear the other caller and the different ring tones or sounds offered by your phone.
14. **Headset jack** allows you to connect a hands-free headset so you can listen to music.

Back View of Your Phone

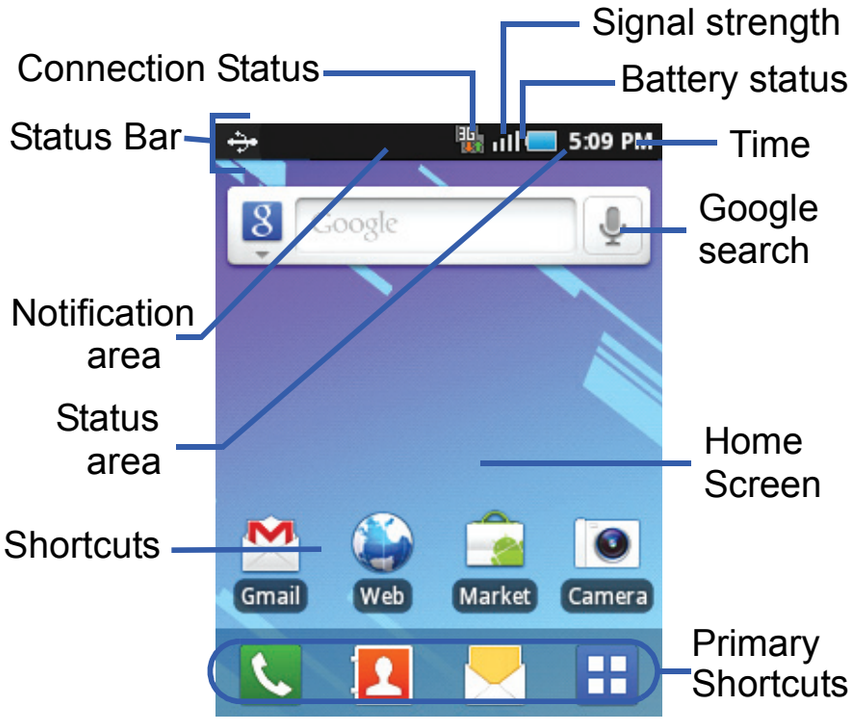
The following illustration shows the external elements of your phone:

1. **External speaker** allows you to hear ringers, music, and other sounds offered by your phone.
2. **Camera lens** is used to take photos.

Phone Display

Your phone's display provides information about the phone's status, and is the interface to the features of your phone. The display indicates your connection status, signal strength, battery status and time. Icons display at the top of the phone when an incoming call or message is received and also alerts you at a specified time when an alarm was set. The screen also displays notifications, and Application (or shortcut)

bar with four icons: Phone, Contacts, Messaging, and Applications.



Display settings

In this menu, you can change various settings for the for the wallpaper, cube, brightness or backlight.

- From the Home screen, tap ➔ (**Settings**) ➔ **Display**. For more information, refer to *"Display Settings"* on page 147.

Status Bar

The Status Bar shows information about the connection status, signal strength, phone battery level, and time, and displays notifications about incoming messages and calls and other actions.

This list identifies the icons you see on your phone's display screen:

Indicator Icons

This list identifies the symbols you'll see on your phone's display and Indicator area:

	Displays your current signal strength. The greater the number of bars, the stronger the signal.
	Indicates that the Flight Mode is active. You cannot send or receive any calls or access online information.
	Indicates there is no signal available.
	Displays when there is no SIM card in the phone.
	Displays when there is a system error or alert.
	Displays when there is a power saver alert has been triggered. This alert occurs when the power saver feature has been activated and the phone has less than a 30% battery charge level.

Displays when a call is in progress.

Displays when a call is on hold.

Displays when you have missed an incoming call.

Displays when the speakerphone is on.

Displays when Call forwarding is set to Always forward. For more information, refer to *"Configuring Call Forwarding"* on page 145.

Displays your current battery charge level. Icon shown is fully charged.

Displays your current battery charge level is very low.

Shows your current battery only has three percent power remaining and will immediately shutdown. Represented as a blinking icon.

Important!: Inaccurate Battery Charge Indication Following Brief Recharge

Under certain circumstances, such as when a depleted battery is only charged briefly, the battery charge icon may, for a period of time, incorrectly indicate the charge level. After some use, when the battery charge icon correctly displays the remaining charge, it may appear that the battery has become depleted after only minimal use.

A full recharge cycle (approximately four hours) is needed to fully recharge the battery and the battery charge icon should not be relied upon shortly after only a brief recharge of a substantially depleted battery.

Note: Some applications which rely upon accurate charge level information may not function properly after a brief recharge of a substantially depleted battery.

Displays when connected to the EDGE network.

Displays when your phone is communicating with the EDGE network.

Displays when connected to the 3G network.

Displays when your phone is communicating with the 3G network.

Displays when your phone is communicating with the HSUPA network.

Displays when the phone is connected to a computer using a supported USB cable connection.

Displays when there is a new text message.

Displays when an outgoing text message has failed to be delivered.

Displays when there is a new voicemail message.

Displays in the notifications window when there is a new Email message.

Displays when an alarm is set. For more information, refer to *"Setting an Alarm"* on page 136.

Displays when the Sound profile is set to Silent mode and Vibrate is set to Always or Only in silent mode.

Displays when data synchronization and application sync is active and synchronization is in progress for Gmail, Calendar, and Contacts.

Displays when the Sound profile is set to Silent mode and Vibrate is set to Never or Only when not in silent mode.

Displays when Bluetooth technology is active and enabled.

Displays when the Bluetooth technology is active and communicating with an external device.

Displays when Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP).

Displays when Wi-Fi is active and there are open networks available.

Displays when the Mobile AP Hotspot feature is active and communicating. For more information, refer to *"Mobile AP"* on page 133.

Displays when the USB Tethering feature is active and communicating. For more information, refer to *"Tethering"* on page 140.

Displays when your phone's GPS is on and communicating.

Displays when the external SD card (internal microSD) has been disconnected (unmounted) from the phone and is now ready for either removal or formatting.

Displays when the External SD card is being prepared for mounting to the device. This is required for communication with the External SD card.

Displays when the microSD card has been improperly removed.

For more details on configuring your phone's settings, see *"Changing Your Settings"* on page 138.

Notification Bar

The Notification area indicates new message events (data sync status, new messages, calendar events, call status, etc). You can expand this area to provide more detailed information about the current on-screen notification icons.

1. Tap the Status bar to reveal the Notifications tab, and then drag the tab to the bottom of the screen to open the Notifications panel (1).
2. Tap a notification entry to open the associated application (2).

Note: The Notifications panel can also be opened on the Home screen by pressing and then tapping **Notifications**.

Clearing Notifications

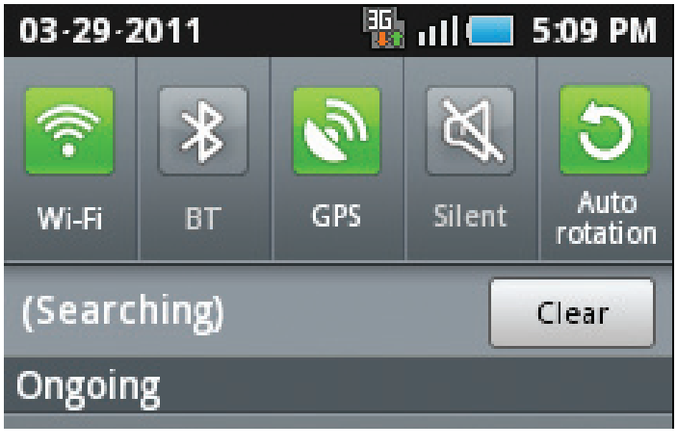
To clear all notifications from the Notification panel:

1. Tap the status bar to reveal the Notifications tab, and then drag the tab to the bottom of the screen to open the Notifications panel

2. Tap **Clear**. The notifications are cleared from the panel.

Accessing Additional Panel Functions

In addition to notifications, this panel also provides quick and ready access to five device functions. These can be quickly activated or deactivated.



The following functions can either be activated (blue) or deactivated (white): **Wi-Fi**, **Bluetooth**, **GPS**, **Silent**, or **Auto rotation**.

Function Keys

Your phone comes equipped with four main function keys that can be used on any screen: **Menu**, **Home**, **Back**, and **Search**.

Menu Key

The **Menu** key ( ) activates an available menu function for the current screen or application. When on the Home screen, the following menu options are available:

- **Add** ( ) adds one of the following functions to a selected screen: Widgets, Shortcuts, Folders, and Wallpapers.
- **Wallpaper** ( ) lets you to customize the current screen's wallpaper image by choosing from either Gallery, Live wallpapers, or Wallpaper gallery).
  - – You can obtain images from either your Pictures folder, from any of the available images within the device's Wallpaper gallery, or from the animated Live Wallpapers.
- **Search** ( ) displays the Google Search box that you can use to search for a key term both on the phone and online.
- **Notifications** ( ) allows you to expand popup notifications area to provide more detailed information about the current on-screen notification icons.
- **Edit** ( ) allows you to add or remove extended screens from your device. You can have up to seven extended screens.
- **Settings** ( ) provides quick access to the device's settings menu.
  - – The Settings menu can also be accessed by pressing and then tapping → **Settings**.

Home Key

The **Home** key ( ) takes you back to your Home screen (#3 of the 7 total available screens).

▶ Press and hold to launch the Recent

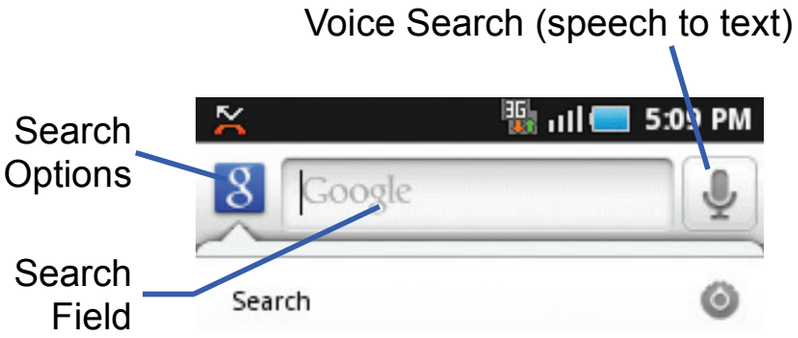
Apps/Task Manager screen. For more information, refer to *"Accessing Recently-Used Applications"* on page 30.

Back Key

The **Back** key ( ) returns you to the previously active screen. If the on-screen keyboard is currently open, this key closes the keyboard.

Search Key

The **Search** key ( ) displays the Google Search box that can be used to search for either a key term both on the phone and online. In some instances, this key opens a search box specific only to the current application.



1. Press to launch the Google Search box.

   – or –

   Press and tap ➔ (**Google Search**).

2. Tap to launch the **Voice Search** function.

Using Google Search

Use the Google Search box to manually search for a term on both your device and on the Web.

1. Press to launch the Google Search box.
2. Tap to select a search area:
   - **All** searches your device, the Web, and the Android Market for your search term.
   - **Web** searches for your term only on the Web using the Google search engine.
   - **Apps** searches for your term only within the Android Market.
   - **Contacts** searches for your term only within your current Contacts entries.
3. Enter a search term and tap a match from the list of suggestions, phone search results, or previously chosen search matches. Once touched, the item opens in the appropriate application.

   – or –

   Touching **Voice Search** ( ) lets you speak into your device's microphone to enter a search term.

Using Additional Voice Search Functions

For more information, refer to:

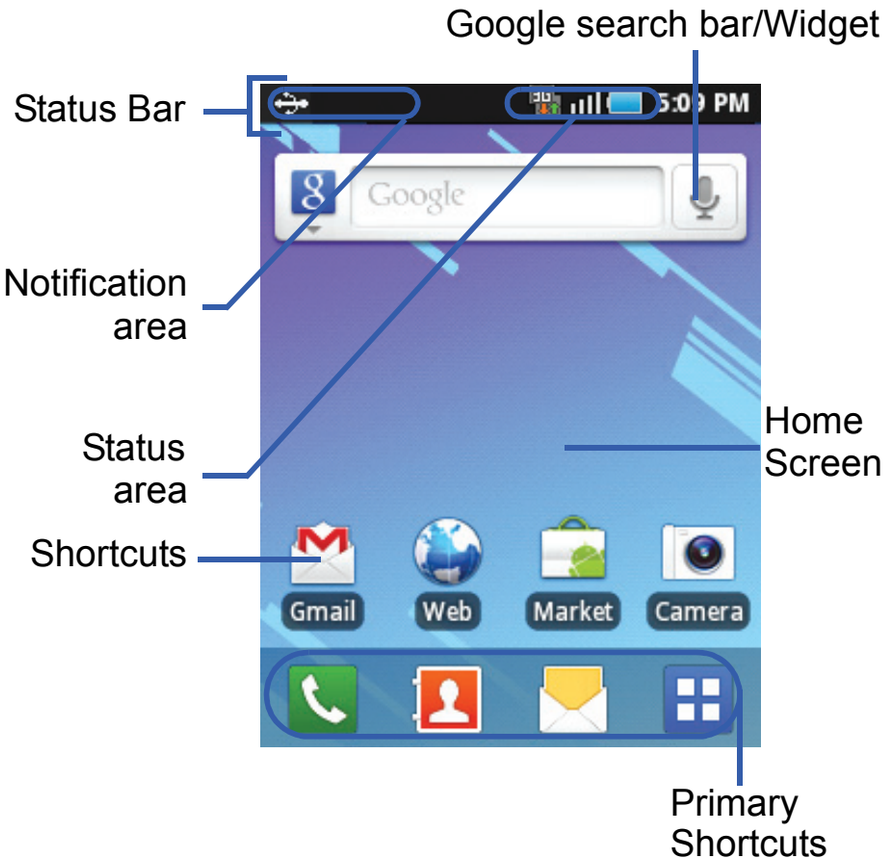
http://www.google.com/mobile/voice-actions/.

From an open Voice Search dialog, speak the following words to access additional features:

- **voice actions** (such as: [your query]) allows you to search the web by speaking the search parameters.
- **listen to [artist/song/album]** allows you to begin listening to the selected song on Slacker radio.
- **send text to [recipient] [message]** allows you to open the Messaging screen.
- **navigate to [address/city/business name]** allows you to receive directions via Google maps™. Use either an Address name, Business name, business type, or other navigation information to get the desired directions.
- **call [name]** allows you to open the phone dial and automatically
- **send email to [recipient] [subject]** allows you to open your email account and compose a new email message.
- **map of [location]** allows you to view a map of an area via Google maps. Use either an Address name, Business name, zip code, or other navigation information.
- **go to [website]** allows you to navigate to any component of your device.
- **note to self [message]** allows you to search for a note save to your Memo Pad.

Home Screen

The Home screen is the starting point for using the applications on your phone. There are seven available panels, each populated with default shortcuts or applications. You can customize each of these panels.



- **Notification area** displays those icons associated with end-user notifications such as: email messages, calls (missed, call in progress), new voicemail, upcoming event, USB connection, emails, and Text/MMS messages.

– These notifications appear at the top-left of the screen (within the Status bar area) and display important user information.
– This information can be accessed by either swiping down from the Status bar (page 22) or by accessing the Notifications panel [> **Notifications** ( )].

• **Status area** displays those icons associated with the status of the device such as communication, coverage, Bluetooth, 3G and Wi-Fi communication, battery levels, GPS, etc.

• **Home Screen** is a customizable screen that provides information about notifications and device status, and allows access to application Widgets.

• **Extended Home Screens** extend beyond the current visible screen width to provide more space for adding icons, widgets, and other customization features.
– There are seven available extended screens (panels) each of which may be populated with its own shortcuts or widgets. These screens share the use of the three Primary Shortcuts.
– The current screen is indicated at the top by a larger circle. Up to seven (7) total screens are available.

Note: Both the status bar and primary shortcuts are visible across all screens.

• **Google search** is an on-screen Internet search engine powered by Google™. Touch to access the Voice Search feature where you can verbally enter a search term and initiate an online search.

• **Widgets** are self-contained on-screen applications (not shortcuts). These can be placed onto any of the available screens (Home or extended).

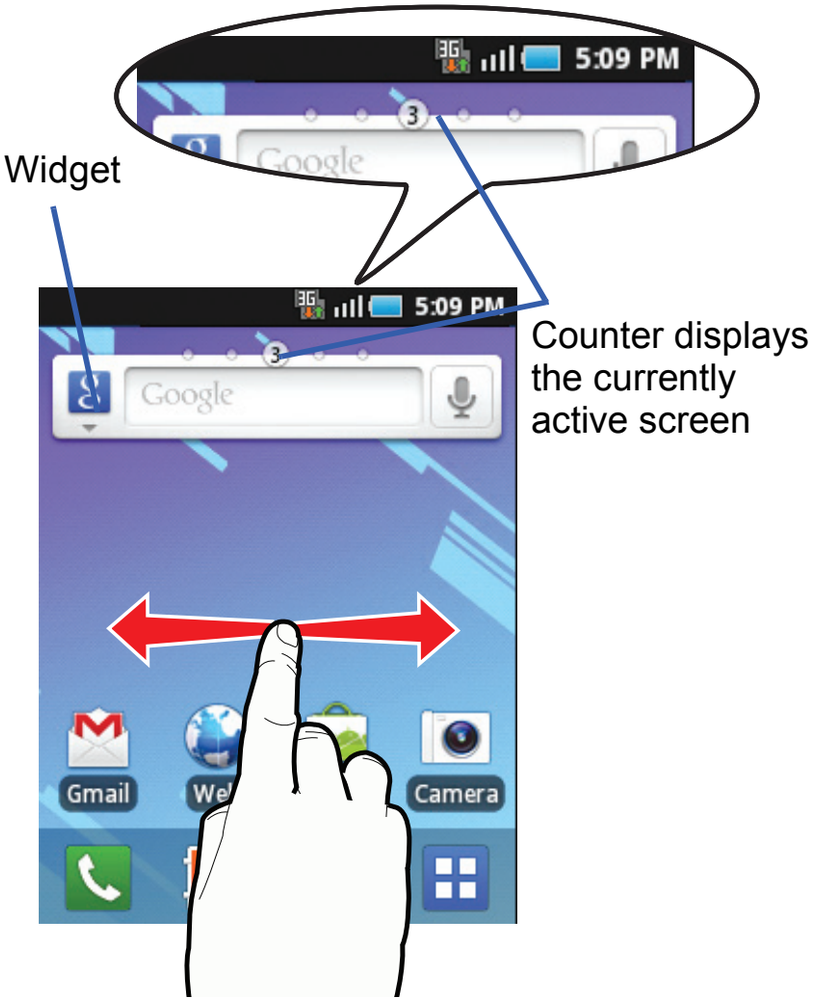
• **Shortcuts** are icons that launch available device applications such as Camera, YouTube, Contacts, Phone, Email, Market, etc. These function the same as shortcuts on your computer.
– Although some may already be found on the Extended Home screens, the majority can also be found within the Applications screens.
– The Application screens can be accessed by tapping **(Applications)** from the Primary shortcuts area.
– Shortcuts can be removed from a screen and added back any number of times.

• **Primary Shortcuts**: are four shortcuts present throughout all of the available screens and can be used to both navigate within the device or launch any of the following functions:
– **Phone** ( ) launches the phone-related screen functions (Dialer, Call log, Favorites, and Contacts).
– **Contacts** ( ) launches the Contacts-related screens (Contacts, Groups, History, and Updates).
– **Messaging** ( ) launches the Messaging menu (create new messages or open an existing message string).

– **Applications/Home** toggles functionality between the Home and Application screens.

- Tap **(Applications)** to access the Application screens loaded with every available local application.
- While in the Applications screens, tap **(Home)** to easily return to the Home screen.

As you transition from screen to screen, the screen counter (located at the top) displays the current panel number in a circle.



Screen Navigation

Using the touch screen display and the keys, you can navigate the features of your phone and enter characters. The following conventions are used in this manual to describe the navigation action in the procedures.

Navigating Through the Screens

The following terms describe the most common hardware and on-screen actions.

- **Press and hold**: Pressing relates to use of the hardware keys and buttons to select or activate an item. For example: press the Navigation key to scroll through a menu. Some buttons and keys require you to press and hold them to activate a feature, for example, you press the Lock key to lock and unlock the phone.

- **Tap**: Use a brief touch to select items on the display or to enter text on the virtual QWERTY keyboard. For example: touch an Application icon to open the application. A light touch works best.
- **Touch and hold**: Touch and hold an icon or key to open the available options, or to access a pop-up menu. For example: press and hold from the Home screen to access a menu of customization options.
- **Flick**: Move your finger in lighter, quicker strokes than swiping. This finger gesture is always used in a vertical motion, such as when flicking through contacts or a message list.

- **Swipe or slide**: Quickly drag your finger vertically or horizontally across the screen. This allows you to move the area of focus or to scroll through a list. For example: slide your finger left or right on the Home screen to scroll among the seven panels.
- **Drag**: Press and hold your finger with some pressure before you start to move it. Do not release your finger until you have reached the target position.
- **Rotate**: Automatically change the screen orientation from portrait to landscape by turning

the device sideways. For example: rotate to landscape orientation when entering text, to provide a larger keyboard, or when viewing web content to minimize scrolling.

Pinch (Zoom Out)

Spread (Zoom In)

- **Pinch**: “Pinch” the screen using your thumb and forefinger to zoom out when viewing a picture or a Web page. (Move fingers inward to zoom out.)
- **Spread**: “Spread” the screen using your thumb and forefinger to zoom in when viewing a picture or a Web page. (Move fingers outward to zoom in.)

Note: These screens can be re-arranged in any desired order. For more information, refer to *“Customizing the Screens”* on page 34.

Menu Navigation

You can tailor the phone’s range of functions to fit your needs using both menus and applications. Menus, sub-menus, and features are accessed by scrolling through the available on-screen menus. Your phone defaults with seven home screens.

Navigating Through the Application Menus

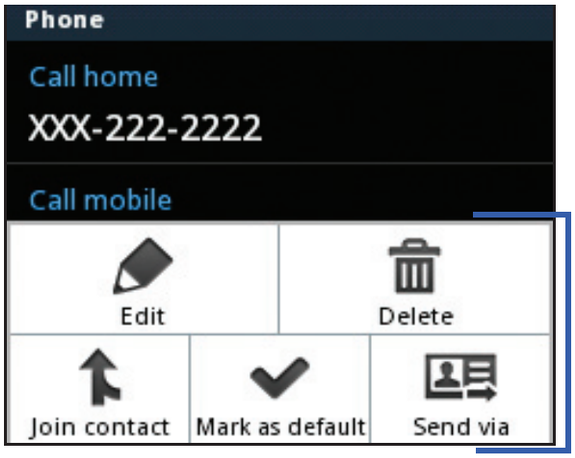
There are default Application Menus available. As you add more applications from the Android Marketplace, more screens are created to house these new apps.

1. Press and then tap (**Applications**). The first Application Menu displays.
   - To close the Applications screen, tap or press .
2. Sweep the screen to access the other menus.
3. Tap any of the on-screen icons to launch the associated application.

Using Sub-Menus

Sub-menus are available from within most screen and applications.

1. Press . A sub-menu displays at the bottom of the phone screen.
2. Tap an option.

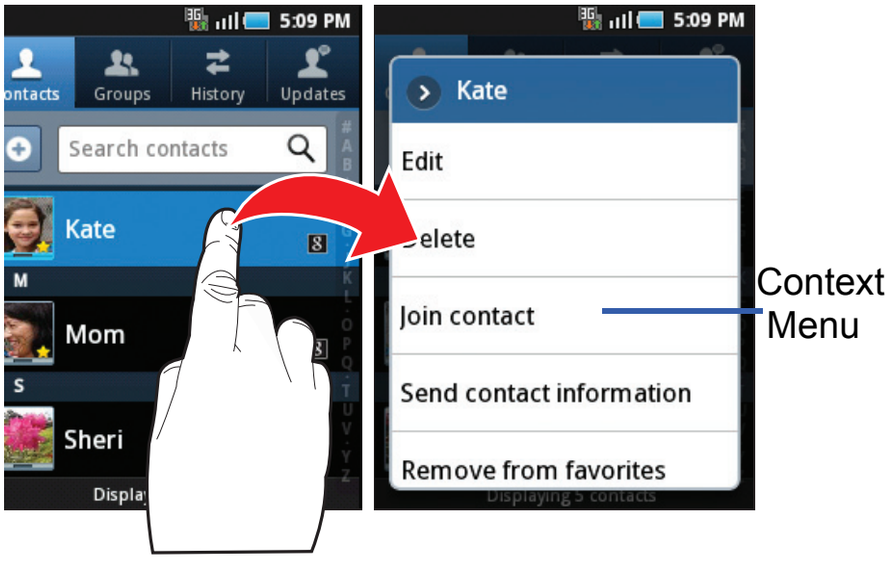


Sub-Menu items

Using Context Menus

Context menus (also called pop-up menus) contain options that apply to a specific item on the screen. They function similarly to menu options that appear when you right click your mouse on your desktop computer.

- Touch and hold an item on-screen to open its context menu.



Context Menu

Accessing Recently-Used Applications

1. Press and hold the Home key to open the recently-used applications window.

Note: This recent applications screen also provides access to the **Task manager**.

2. A pop-up displays the six most recently used applications.
3. Tap an icon to open the recent application.

Applications

The Application menu provides quick access to the most frequently used applications. Applications display on each of the three panels on the Applications screens.

The following table contains a description of each application available via both the Primary shortcuts area and via the Applications screens. If the application is already described in another section of this user manual, then a cross reference to that particular section is provided. For information on navigating through the Applications icons, see *"Navigating Through the Application Menus"* on page 29.

Calculator

Launches the on-screen calculator application. The calculator provides the basic arithmetic functions; addition, subtraction, multiplication, and division. You can also use this as a scientific calculator.

For more information, refer to *"Calculator"* on page 106.

Calendar

Launches a calendar application that syncs to your Facebook™, Google™, or Microsoft Exchange work calendars.

For more information, refer to *"Calendar"* on page 135.

Camera

Launches the built-in 3.0 megapixel camera application from where you can take a picture with the rear facing camera.

Note: An SD card must be inserted before the camera will take and store photos.

For more information, refer to *"Using the Camera"* on page 93.

Clock

Allows you to set an alarm, configure and view the World clock, use a stopwatch, or set a timer. The applications display in a tabular format and quickly accessed with the touch of a finger.

For more information, refer to *"Clock"* on page 136.

Email

Provides access to both your Outlook (Exchange Server-based) work email and Internet email accounts (such as Gmail and Yahoo! Mail). For more information, refer to *"Email"* on page 84.

Gallery

Displays a Gallery of camera images and video stored in the microSD card. For more information, refer to *"The Gallery"* on page 102.

Gmail

Provides access to your Gmail account. Google Mail (Gmail) is a web-based email service. Gmail is configured when you first set up your phone. For more information, refer to *"Using Google Mail"* on page 90.

Google Search

Provides an on-screen Internet search engine powered by Google™. For more information, refer to *"Using Google Search"* on page 24.

Latitude

Lets you see your friends' locations and share yours with them. The application also lets you see your friends' locations on a map or in a list. It also lets you send instant messages and emails, make phone calls, and get directions to your friends' locations.

For more information, refer to *"Latitude"* on page 108.

Maps

Launches a Web-based dynamic map that helps you find local businesses, locate friends, view maps and get driving directions. For more information, refer to *"Maps"* on page 109.

Market

Allows you to find and download free and for-purchase applications on Android Market. For more information, refer to *"Downloading a New Google Application"* on page 111.

Memo

Creates new text memos. For more information, refer to *"Memo"* on page 113.

Music

Launches the built-in Music Player that allows you to play music files that you have stored on your microSD card. You can also create playlists. For more information, refer to *"Music Player"* on page 102.

My files

Lets you view supported image files and text files on your microSD card. Organize and store data, images, and more in your own personal file folders. Files are stored to the memory card in separate (user defined) folders.

For more information, refer to *"My files"* on page 101.

Navigation

Launches a Web-based navigation application.

Caution!: Traffic data is not real-time and directions may be wrong, dangerous, prohibited, or involve ferries.

For more information, refer to *"Navigation"* on page 114.

News & Weather

Launches a Web-based news and weather feed based on your current location. For more information, refer to *"News and Weather"* on page 116.

Places

Displays company logos on a layer of Google Maps. When viewing an area you can quickly locate a business or person, find out more information about the business, see coupons, public responses, and more. For more information, refer to *"Places"* on page 116.

Samsung Apps

Launches the Web-based Samsung Apps. For more information, refer to *"Samsung Apps"* on page 117.

Settings

Accesses the device's built-in Settings menu. For more information, refer to *"Changing Your Settings"* on page 138.

Talk

Launches a Web-based Google Talk application that lets you chat with family and friends over the Internet for free. For more information, refer to *"Google Talk"* on page 91.

Task Manager

Use Task Manager to see which applications are running on your phone, and to end running applications to extend battery life.

For more information, refer to *"Task Manager"* on page 118.

ThinkFree Office

ThinkFree Office Mobile for Android is a Microsoft Office compatible office suite. This application provides a central place for managing your documents online or offline.

For more information, refer to *"ThinkFree Office"* on page 118.

Voice Recorder

Allows you to record an audio file up to one minute long and then immediately send it as a message. For more information, refer to *"Voice Recorder"* on page 119.

Voice Search

Launches your phone's built-in voice recognition software and initiates a Google search based on the recognized text. For more information, refer to *"Voice Search"* on page 119.

Web

Open the browser to start surfing the web. The browser is fully optimized and comes with advanced functionality to enhance the Internet browsing feature on your phone.

For more information, refer to *"Web"* on page 121.

YouTube

Launches the YouTube webpage via the browser. For more information, refer to *"YouTube"* on page 105.

Customizing the Screens

You can customize the Home screens (panels) to display the Widgets, Shortcuts, Folders, or Wallpapers. For example, one screen could contain the Music Player shortcut and other forms of media, while another screen might contain communication apps such as Gmail and IM.

You can customize your Home screen by doing the following:

- **Adding, Deleting, and Rearranging screens**
- **Adding and Removing Shortcuts**
- **Adding and Removing Widgets**
- **Creating Folders**
- **Changing the Background (Wallpapers)**

Adding and Deleting Screens

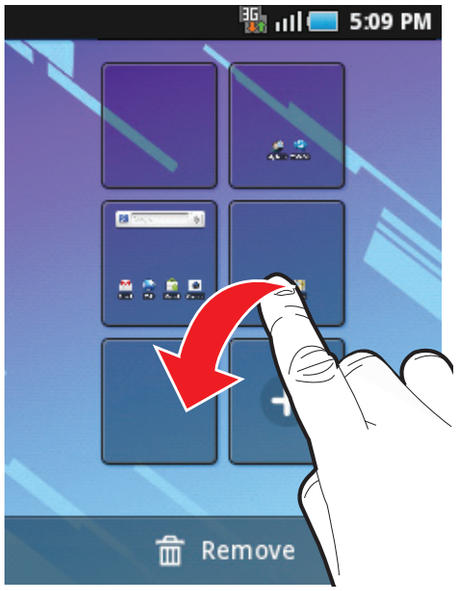
Your phone comes with seven screens. You can delete these screens and then add them back later.

Note: These screens can be deleted and re-arranged.

Important!: Your phone can only contain at most seven screens and at least one screen.

To delete a screen:

1. Press Home ➔ Menu and then tap (**Edit**).
2. Touch and hold, then drag the undesired screen down to the **Remove** tab ( ).



3. Press Home to return to the main Home screen.

To add a screen:

1. Press Home ➔ Menu and then tap (**Edit**).
2. Tap the **Add** icon ( ). The newly added screen appears as the last page.
3. Press Home to return to the main Home screen.

Rearranging the Screens

1. Press Home ➔ Menu and then tap **Edit** ( ).
2. Touch and hold a screen and then drag it into its new location. Upper-left is screen position #1 and bottom-right is screen position #7.

Adding and Removing Primary Shortcuts

The device comes with four Primary shortcuts: Phone, Contacts, Messaging, and Applications/Home. As long as the menu is displayed in a **Customizable grid**, you can replace the Phone, Contacts, and Messaging shortcuts with other applications so you access the shortcuts that are most frequently used.

1. Press Home and then tap (**Applications**).
2. Press Menu and then tap **View type** ➔ **Customizable grid**.
3. Press Menu and then tap **Edit**. A box outline then appears around the application icons.
4. Scroll through the list and locate the desired application.
5. Touch and hold the on-screen icon, then drag it over one of the four primary shortcuts to replace it.
   - The new primary shortcut displays at the bottom of the screen. The previous

primary shortcuts switches places with your selected icon.

6. Press and then tap **Save**.
7. Tap to return to the Home screen.

Managing Shortcuts

Note: To move a shortcut from one screen to another, you must carefully touch and hold the shortcut and slowly drag it to the edge of the screen. As the shortcut turns light blue, you can begin to move it to the adjacent screen.
If this does not work, delete it from its current screen. Activate the new screen and then add the selected shortcut.

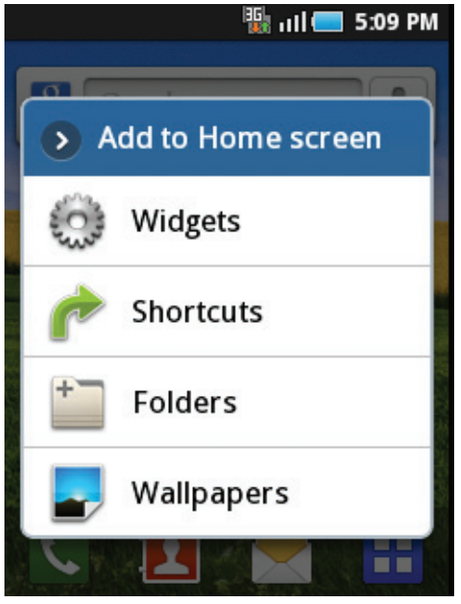
To add a shortcut from the Applications screen:

1. Press to go to the Home screen.
2. Select a location (screen) for your new shortcut by scrolling across your available screens until you reach the desired one.

3. Tap **Applications** ( ) to reveal all your current available applications. By default, applications are displayed as an Alphabetical grid.
4. Scroll across the screens and locate your desired application.
5. Touch and hold the on-screen icon. The new shortcut then appears to hover over the current screen.
6. While still holding the on-screen icon, position it on the current screen. Once complete, release the screen to lock the shortcut into its new position.

To add a shortcut via the Add to Home screen:

1. Press to go to the Home screen.
2. Touch and hold an empty area of the screen.



3. From the **Add to Home screen** window tap **Shortcuts**.
4. Tap a selection from the available list.

To delete a shortcut:

1. Press to go to the Home screen.
2. Touch and hold the desired shortcut. This unlocks it from its location on the current screen.
3. Drag the shortcut over the **Remove** tab ( ) and release it.

Adding and Removing Widgets

Widgets are self-contained applications that can be placed on any screen. Unlike shortcuts, widgets appear as applications.

To add a Widget:

1. Press to go to the Home screen.
2. Touch and hold an empty area of the screen.
3. From the **Add to Home screen** window tap **Widgets**.
4. Tap an available Widget to place it on your current screen.

To remove a Widget:

1. Touch and hold a Widget until it unlocks from the current screen.
2. Drag the widget over the **Remove** tab ( ) and release it.
   - As you place the Widget into the Trash, both items turn red.
   - This action doesn't delete the Widget, it just removes it from the current screen.

To place a widget onto a different screen:

1. Touch and hold the widget until it becomes transparent.
2. Drag it to the edge of your screen.
3. Slowly drag it past the edge of the screen until it turns light blue.
4. Drag the widget to its desired position on the new screen.
5. Repeat these steps to continue moving it to other screens.

Creating and Managing a Folder

Folders hold items that you want to organize and store together on the workspace.

To create a new on-screen folder:

1. Press to go to the Home screen.
2. Touch and hold an empty area of the screen.
3. From the **Add to Home screen** window tap **Folders**.

4. Tap an available folder type and place it on the current screen.

Renaming a folder

1. Tap the desired folder you want to rename.
2. With the folder open, touch and hold the Folder title bar (top of the Folder window) until the **Rename folder** pop-up displays.
3. Tap the folder name field, enter a new title for this folder and tap **OK**.

Deleting a folder

1. Touch and hold a desired folder. This unlocks it from its location on the current screen.
2. Drag the folder over the **Remove** tab ( ) and release it.

Managing Wallpapers

Wallpapers consist of either Gallery images (user taken), Live wallpapers (animated backgrounds), or Wallpaper gallery (default phone wallpapers).

Note: Selecting animated Live wallpapers will require additional battery power.

To change the current wallpaper:

1. Press to go to the Home screen.
2. Touch and hold an empty area of the screen.
3. From the **Add to Home screen** window tap **Wallpapers**.
4. Select a Wallpaper:
   - Tap **Gallery** to select from a user image stored in the camera image gallery, crop the image, and tap **Save**.
   - Tap **Live wallpapers** to select from a list of animated backgrounds, once done tap **Set wallpaper**.
   - Tap **Wallpaper gallery,** scroll through the images, tap a wallpaper image, then tap **Set wallpaper**.

Section 3: Memory Card

Your device lets you use a microSD™ (SD) or microSDHC™ card (also referred to as a memory card) to expand available memory space. This secure digital card enables you to exchange images, music, and data between SD-compatible devices. This section addresses the features and options of your device's SD functionality. The device has a USB SD card mode.

- microSD card storage: up to 2GB in size
- SDHC card storage: up to 32GB in size

Using the SD Card

There are several methods for using the SD card:

1. Connecting to your PC to store files (such as music, videos, or other types of files and media).
2. To activate the camera, video, music player, and other dependant media or applications.

Important!: The Camera, Music Player, and Video functionality is all dependant on a mounted SD card. Your device can support SDHC cards up to 32GB capacity.

SD card Overview

After mounting an SD card in the device you can use your computer to access and manage the SD card.

Important!: If access to the external SD card is not available, download and install the USB drivers.

microSD Icon Indicators

The following icons show your microSD card connection status at a glance:

- the card has been unmounted (released from use) from the device.

- the card is being prepared for use and for mounting.

- the card has been improperly removed.

Important!: DO NOT remove a microSD card while the device is accessing or transferring files. Doing so will result in loss or damage of data. Make sure your battery is fully charged before using the microSD card. Your data may become damaged or lost if the battery runs out while you are using the microSD card.

Mounting the SD Card

To store photos, music, videos, and other applications. You must mount (install) the SD card prior to use. Mounting the SD card establishes a USB connection with your computer.

Important!: You must enable USB storage to mount the SD card.

1. Press ➔ and then tap (**Settings**) ➔ **SD card and phone storage**.
2. Tap **Mount SD card**.

Connecting to the SD card

1. Insert the SD card into the external, SD card slot (For more information, refer to *“Installing the microSD Memory Card”* on page 7.)
2. Connect the USB cable to the phone and connect the cable to the computer. The “**USB Mass Storage**” screen is displayed.
3. Tap **Turn on USB storage ➔ OK**. Both the phone and computer display icons to show that the device is mounted. As soon as the connection is established a drive letter is assigned to the phone’s storage device.
4. Tap **Turn Off USB storage** to close the USB connection between the phone and your computer.

Unmounting the SD card

Unmounting the SD card prevents corruption and damage to the SD card while removing it from the slot.

1. Press ➔ and then tap (**Settings**) ➔ **SD card and phone storage**.
2. Tap **Unmount SD card ➔ OK**.
3. When the “**SD card will be unmounted**” message displays and the **Mount SD card** now appears in the menu list, you can remove the SD card. For more information, refer to *“Installing the microSD Memory Card”* on page 7.

SD card Memory Status

To view the memory allocation for your external SD card:

- Press ➔ and then tap (**Settings**) ➔ **SD card and phone storage**. The available memory displays under the Total space and Available space headings.

Erasing Files from the SD card

You can erase files from the SD card using the phone.

1. Ensure the SD card is mounted.
2. Press ➔ and then tap (**Settings**) ➔ **SD card and phone storage** ➔ **Unmount SD card** ➔ **OK**.
3. Tap **Format SD card** ➔ **Format SD card** ➔ **Erase everything** to format the SD card. The SD card formats and erases all the data stored on it.

Factory Data Reset

From this menu you can reset your phone and sound settings to the factory default settings.

1. Press ➔ and then tap (**Settings**) ➔ **Privacy**.
2. Tap **Factory data reset**. This action erases all data from your phone except current system software and bundled applications, or SD card files such as music or photos.
3. Tap **Reset phone** ➔ **Erase everything**.

Section 4: Call Functions and Contacts List

This section describes features and functionality associated with making or answering calls, and the Contacts list, which is used to store contact information.

Displaying Your Phone Number

- Press → and then tap (**Settings**) → **About phone** → **Status**. Your phone number displays in the **My phone number** field.

Note: The phone's **Settings** menu can also be activated by pressing and then tapping → (**Settings**).

Making a Call

You can store phone numbers that are regularly used to the SIM card or to the phone's memory. These entries are referred to as the **Contacts list**.

1. Press and then tap .
2. Enter the phone number to dial then press .

- If you make a mistake while dialing, touch to clear the last digit. Touch and hold to clear the entire sequence.

Note: When you activate the **Auto redial** option in the Call settings menu, the phone automatically redials up to 10 times when the person does not answer the call or is already on the phone, provided your call is not sent to voice mail.

Ending a Call

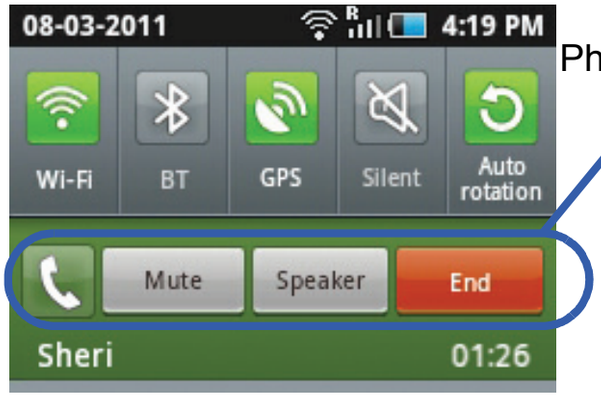
- Briefly tap End Call key to end the call.

Note: To redial a recent number, tap , tap a number from the Call log list, and tap **Call**.

If you exit the current call screen and return to the Home screen, You are visually notified that you are still on an active call by the active call icon ( ) located in the Status bar.

Resuming a Live Call

1. Tap the Status bar to reveal the Notifications tab, and then drag the tab to the bottom of the screen to open the Notifications panel.
2. Tap any of the available phone functions to regain access to the phone screen.



Phone functions

Answering a Call

When somebody calls you, the phone rings and displays the incoming call image.

The caller's phone number, picture, or name if stored in Contacts List, displays.

▶ At the incoming call screen:

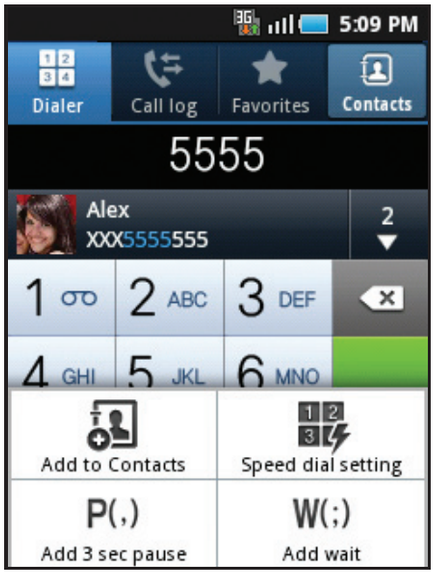
- Touch and slide to the right to answer the call.
- Touch and slide to the left to reject the call.

Pressing the Volume down button mutes the ringer.

If the incoming call is from a number stored in your Contacts, the entry's name is displayed. You may also see the caller's phone number, if available.

Dialing Options

When you enter numbers on the Keypad, you will see three on-screen options.



From the keypad screen, use one of the following options:

- **Call** ( ) to call the entered number.
- **Delete** ( ) to delete digits from the current number.
- **Voicemail** ( ) to access the phone's voicemail system.

To view additional dialing options, tap :

- **Add to Contacts** to add the current number to either a new or existing Contacts entry.
- **Speed dial setting** to access the Speed Dialing menu where you can assign a speed dial location to a current Contacts entry.
- **Add 3 sec pause** to insert a three-second pause to enter a 3-second delay within a number string (the phone continues dialing after 4 seconds without any additional keys being pressed).
- **Add wait** to insert a hard pause within the number string (the phone waits for your input). A

wait requires that any consecutive numbers be manually sent by tapping **Send**.

International Calls

1. From the Home screen, tap , then touch and hold 0 +. The **+** symbol displays.
2. Use the on-screen keypad to enter the country code, area code, and phone number.
   - If you make a mistake, tap once to delete a single digit.
   - Touch and hold to delete all digits.
3. Tap .

Pause Dialing

You can dial or save phone numbers with pauses for use with automated systems, such as voicemail or financial phone numbers.

- **3 Second Pause** automatically sends the next set of numbers after a three-second pause. This is indicated in the number string as a colon (**;**).
- **Wait** sends the next set of numbers only after tapping Send. This is indicated in the number string as a semicolon (**;**).

1. From the Home screen, tap and use the on-screen keypad to enter the phone number.
2. Press and then tap **Add 3 sec pause**. This feature adds an automatic three-second pause.
3. Use the keypad to enter the additional numbers that will be dialed automatically after the second pause.

Tip: You can create pauses longer than two seconds by entering multiple 2-sec pauses.

---

4. Tap .

Wait Dialing

Inserting a Wait into your dialing sequence means that the phone waits until it hears a dial tone before proceeding with the next sequence of numbers.

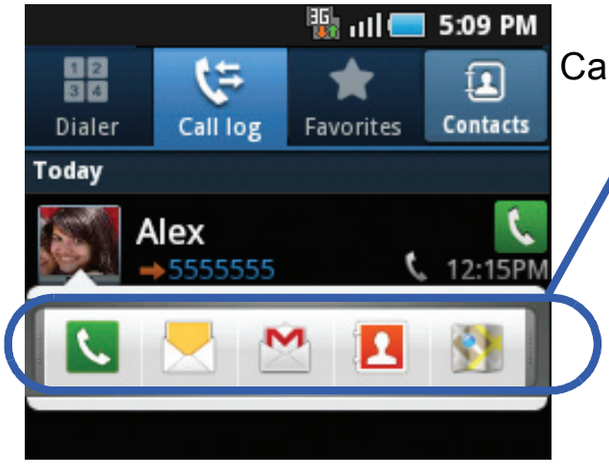
1. From the Home screen, tap and use the on-screen keypad to enter the phone number.
2. Press and then tap **Add wait**. This feature causes the phone to require your acceptance before sending the next set of entered digits.
3. Tap .
4. Once prompted, tap Send to dial the remaining digits.

Redialing the Last Number

The phone stores the numbers of the calls you've dialed, received, or missed if the caller is identified.

To recall any of these numbers:

1. From the Home screen, tap .
2. Tap the **Call log** tab to display the list of recent calls.
3. Tap the name/number and tap from the on-screen available options.



Call log options

Speed Dialing

Once you have stored phone numbers from your Contacts List, you can set up to 8 speed dial entries and then dial them easily whenever you want, simply by touching the associated numeric key.

Setting Up Speed Dial Entries

Important!: Speed dial location #1 is reserved for Voicemail. No other number can be assigned to this slot.

1. From the Home screen, tap .
2. Press and then tap **Speed dial setting**. The **Speed dial** screen displays a virtual keypad with the numbers 1 through 9.
3. Tap an unassigned number. The **Contacts** screen displays.
4. Tap a contact and select a number to assign to the speed dial location. The selected contact number/image is displayed in the speed dial number box.

Changing a Speed Dial Entry

1. From the Home screen, tap .
2. Press and then tap **Speed dial setting**.

Important!: The number 1 is reserved for Voicemail and another number cannot be assigned to this slot.

3. Press and then tap **Change order**.

4. In a single motion, touch and drag an entry over another location on the virtual keypad.
5. Tap **Save** to store the new assignment.
6. Press to return to the previous screen.

Removing a Speed Dial Entry

1. From the Home screen, tap .
2. Press and then tap **Speed dial setting**.
3. Touch and hold an on-screen speed dial location and select **Remove** from the context menu.

   – or –

   Press and then tap **Remove**. Tap an entry and select **Remove**.
4. Press to return to the previous screen.

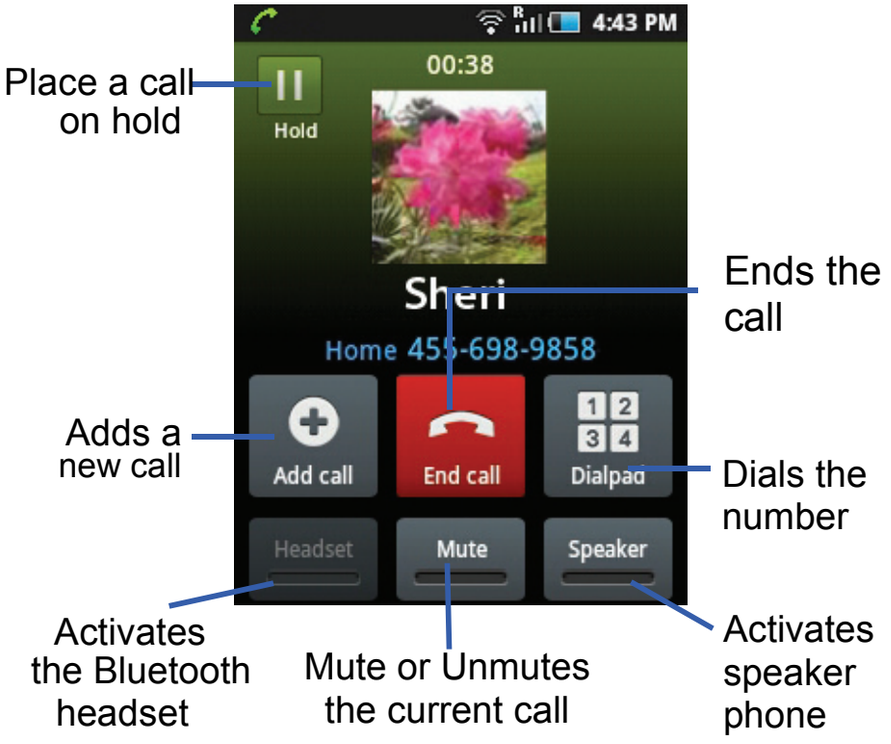
Making a Call Using Speed Dial

You can assign a short cut number to a phone number in the Contacts List for speed dialing.

1. From the Home screen, tap .
2. Touch and hold a speed dial location (numbers 2-9, or 1 if you are dialing voice mail) until the number begins to dial.
3. If you are not certain of the speed dial location, tap → → **Speed dial setting** and touch a speed dial number to view the assigned phone number.

In Call Options

Your phone provides a number of features that are available for use during a call.



Adjusting the Call Volume

During a call, use the Volume keys on the left side of the phone, to adjust the earpiece volume.

- Press the **Up** volume key to increase the volume level and the **Down** volume key to decrease the level.

  – or –

  From the screen during a call, press the **Up** Volume key.

From the Home screen, you can also adjust the ring volume using these keys.

Placing a Call on Hold

You can place the current call on hold whenever you want. If your network supports this service, you can also make another call while a call is in progress.

To place a call on hold:

1. Tap **Hold** to place the current call on hold.
2. Tap **Unhold** to activate the call that is on hold.

To make a new call while a call is in progress:

1. Enter the new phone number that you wish to dial or look it up in Call history.
2. Tap **Add call** to dial the second call.
3. Dial the new phone number and tap .

To switch between the two calls:

- Tap **Swap**. The In call number turns gray and displays On hold. The active call displays a green background behind the number.

Turning the Speakerphone on and off

While on a call, you can use your Speakerphone by following these steps:

1. Tap Speaker (**Speaker off**) to turn the speakerphone on.
2. Tap Speaker (**Speaker on**) to turn the speakerphone off.

Tip: When the speaker is turned **On**, the color of the speaker is green. When the speaker is turned **Off**, the color of the speaker is gray.

Muting a Call

1. Tap Mute (**Mute off**) so the other caller cannot hear you speaking.
2. Tap Mute (**Mute on**) to turn mute off and resume your conversation.

Switching to Bluetooth Headset

1. While on a call, switch to the Bluetooth headset instead of speaker by tapping

Headset.

2. At the prompt, tap **Yes** to enable Bluetooth if it is not already activated.

More In-call Options

During a call you can save the current caller's information to the Contacts list, or create a Memo.

Viewing the Contacts List

During a call you can look up a number in the Contacts list.

1. Press and then tap (**Contacts**).
2. Browse the Contacts list for the information you need.
3. Press and tap to return to the active call.

Creating a Memo During a Call

During a call it may be necessary to record information (a Note).

1. Press and then tap (**Applications**) ➔ (**Memo**).
2. Tap **Create memo**.
3. Use the keyboard to enter the note then tap **Save**.
4. Press and tap to return to the active call.

Automatic screen lock

If you configured your phone with the Automatic screen lock option, during a call your screen locks to prevent accidental screen presses. To temporarily unlock the screen press the lock key (on the right side of the phone).

Multi-Party calls

Making a Multi-Party Call

A multi-party call is a network service that allows up to six people to participate in a multi-party or conference call.

For further details about subscribing to this service, contact customer service.

Setting up a Multi-Party Call

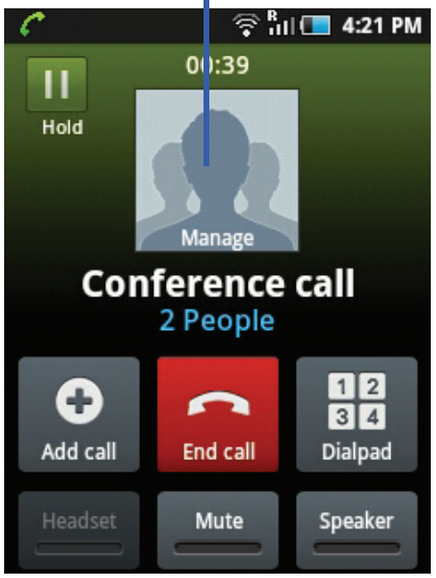
1. From the Home screen, tap .
2. Dial the number for the first participant and tap .
3. Tap **Add call**, enter the second phone number and tap . The first caller is placed on hold.

4. Wait for the second caller to answer the incoming call and tap **Merge calls**. The two calls are now joined into a multi-party call and display in the order in which they were called.

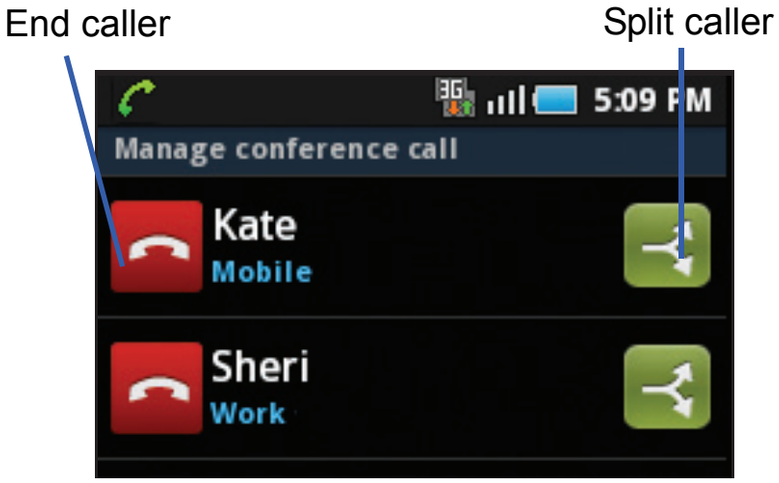
Important!: A maximum of two callers can be joined to a single multi-party line at a time. Additional callers will participate in a new Multiparty session and held in conjunction with the previous multiparty call. You can swap or place each multi-party call on hold.

Having a Private Conversation With One Participant

When you have two participants in a multi-party session, it might be necessary to place one of those participants on hold so that a private conversation can be held with a single caller. While you are in a multi-party call:



1. Tap **Manage** (located on the center of the screen).
2. Tap (**Split**) adjacent to the participants you would like to split from the current call. The list displays the callers in the order they were dialed.



3. Tap the number for the participant in which you want to speak privately. You can now talk privately to that person while the other participants can continue to converse with each other. If there is only one other participant, that person is placed on hold.
4. To return to the multi-party call, tap **Merge calls**. All of the multi-party call participants can now hear each other.

Dropping One Participant

1. Tap **Manage** (located on the center of the screen).

2. Tap to the right of the number to drop.

   The participant is disconnected and you can continue the call with the other participant.

3. Tap

to end the current call.

Call Waiting

You can answer an incoming call while you have a call in progress, if this service is supported by the network and you have previously set the Call waiting option to **Activate**.

You are notified of an incoming call by a call waiting tone. For more information, refer to *"Configuring Additional Call Settings"* on page 145.

To answer a new call while you have a call in progress:

1. In a single motion, touch and slide it to the right to answer the new incoming call.

Note: The new caller appears at the top of the list. The previous caller is placed on hold and appears at the bottom of the list.

---

2. Select **Hold XXX** if you wish to place the previous caller on Hold. You can also choose to end your previous call and start a new one (**End XXX**).

3. Tap **Swap** to switch between the two calls. This places the new caller on hold and activates the previous call. The active call displays with a green background.

4. Tap **Swap** again to switch back.

Call Log Tab

The Call log tab is a list of the phone numbers (or Contacts entries) for calls you placed, accepted, or missed. The Call log tab makes redialing a number fast and easy. It is continually updated as your device automatically adds new numbers to the beginning of the list and removes the oldest entries from the bottom of the list.

The Notification area of the Home screen (upper-left) displays phone notifications, status, or alerts such as:

Displays when a call is in progress.

Displays when a call was missed.

Accessing the Call Log Tab

1. From the Home screen, tap → **Call log** tab.
2. Tap an entry to view available options.

Note: The Call log tab only records calls that occur while the phone is turned on. If a call is received while it is turned off, it will not be included in your calling history.

Each entry contains the phone number (if it is available) and Contacts entry name (if the number is in your Contacts).

Indicates all outgoing calls made from your device.

Indicates any received calls that were answered.

Indicates a missed call.

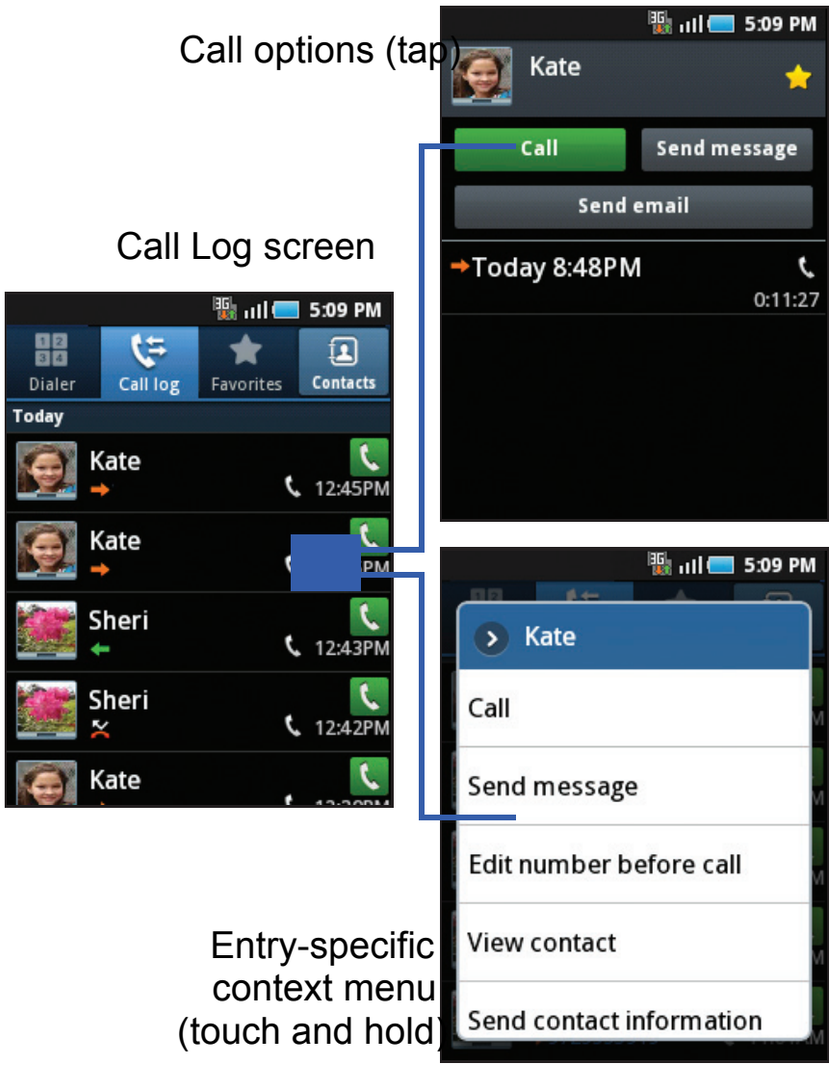
Accessing the Call Log from The Notifications Area

1. Locate from the Notifications area of the Status bar.
2. Tap the Status bar to reveal the Notifications tab, and then drag the tab to the bottom of the screen to open the Notifications panel (1).
3. Tap the Missed call entry to open the Call log screen (2).

Tip: Press and tap **Notifications** to open the panel.

This list provides easy access to redial an entry, or you can also choose to access two types of history entry lists depending on how they are touched.

Call Log - Caller Overview



- Tap a contact entry name or number to reveal the **call options** screen:
  - **Call** allows you to redial the entry by name or number.
  - **Send message** allows you to create a new text message to the selected entry.
  - **Send email** allows you to create a new email that is then addressed to the entry's available email address.
  - **Time** provides the time and date of the call and its duration.
  - **Add to Contacts** to save the number if it is not already in your Contacts.
- Touch and hold an entry to display the entry-specific context menu:
  - **Call [Number]** to redial the current phone number.
  - **Send message** allows you to create a new text message to the selected entry.
  - **Edit number before call** to make alterations to the current phone number prior to redial.
  - **Add to Contacts** to save the number if it is not already in your Contacts.
  - **View contact** to view the information for the currently stored Contacts entry.
  - **Send contact information** to send the Log entry information via text message.
  - **Delete** to delete the entry from the Log list.

Altering Numbers from the Call Log

If you need to make a call from the Call log screen and you need to alter the number prior to dialing, you can add the appropriate prefix by prepending the number.

1. Tap → **Call log** tab.
2. Touch and hold an entry to access the entry-specific context menu.
3. Tap **Edit number before call**.

4. Edit the number using the on-screen dialpad or delete digits by pressing to erase the numbers.
5. Tap once the number has been changed.

Erasing the Call Log

You can delete either an individual call log entry or all current entries from the Call log list.

To clear a single entry from the list:

1. Tap ➔ **Call log** tab.
2. Touch and hold an entry and select **Delete**.

To clear all entries from the list:

1. Tap ➔ **Call log** tab.
2. Press ➔ **Delete.**
3. Tap **Select all** ➔ **Delete** ➔ **OK**.

Viewing Missed Calls from Lock Screen

When you are unable to answer a call for any reason and your screen is locked, the number of missed calls are displayed on the Lock screen immediately after a call is missed.

To view a missed call immediately:

1. Press to reactive the screen.
2. Touch and drag to the right.
3. Tap the Status bar to reveal the Notifications tab, and then drag the tab to the bottom of the screen to open the Notifications panel where you can view your missed calls.
   The Call log tab is then displayed.

Section 5: Entering Text

This section describes how to select the desired text input method when entering characters into your phone. This section also describes the predictive text entry system that reduces the amount of key strokes associated with entering text.

Your phone comes equipped with an orientation detector that can tell if the phone is being held in an upright (Portrait) or sideways (Landscape) orientation. This is useful when entering text.

Your phone also provides several on-screen keypad text entry options to make the task of text entry that much easier.

Text Input Methods

The text input methods available are:

- **Samsung keypad**: an on-screen QWERTY keypad that can be used in both portrait and landscape orientation.
- **Swype** (default): a new way to enter text on touch screens. Instead of tapping each key, use your finger to trace over each letter of a word.

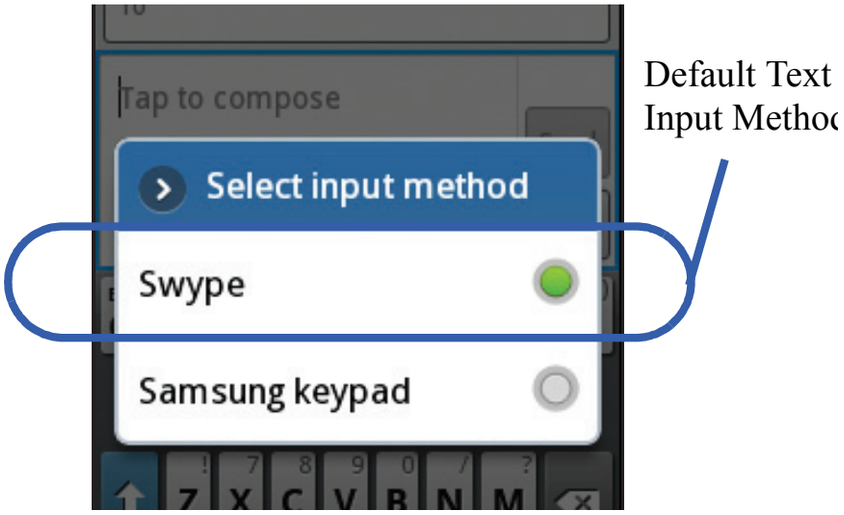
The on-screen QWERTY keypad works the same in both portrait and landscape mode.

Selecting the Text Input Method

The Text Input Method can be assigned from within one of two locations:

- **Settings Menu:** Press Home ➔ Menu and then tap (**Settings**) ➔ **Language and keyboard** ➔ **Select input method**.

1. From a screen where you can enter text, touch and hold the text input field to open the context-menu.
2. Select the desired input method (**Swype** or **Samsung keypad**).



Using the Swype Keyboard

Swype™ is the default text input method that allows you to enter a word by sliding your finger or stylus from letter to letter, lifting your finger between words. SWYPE uses error correcting algorithms and a language model to predict the next word. SWYPE also includes a touch predictive text system.

The onscreen keyboard options are different between the Samsung keypad and Swype onscreen input methods.

Enabling and Configuring SWYPE

If you configure another text input method (Samsung keypad) you must re-enable SWYPE before using the SWYPE keyboard.

Even when SWYPE is enabled you can use the on-screen keys by either tapping (main characters) or touching and holding (alternate characters).

1. Press ➔ and then tap (**Settings**) ➔ **Language and keyboard**.
2. Tap **Select input method** ➔ **Swype**.

SWYPE Settings

1. Press ➔ and then tap ➔ **Language and keyboard** ➔**Swype**.
2. Locate the **Preferences** section to alter these settings:
   - **Language**: allows you to select the current text input language. Default language is US English.
   - **Audio feedback**: turns on sounds generated by the Swype application.
   - **Enable tip indicator**: turns on a flashing indicator for quick help.
3. Locate the **Swype Advanced Settings** section to alter these settings:
   - **Word suggestion**: suggests words while you are typing.
   - **Auto-spacing**: automatically inserts a space between words. When you finish a word, just lift your finger or stylus and start the next word.
   - **Auto-capitalization**: automatically capitalizes the first letter of a sentence.
   - **Show complete trace**: sets the length of time the word trace line remains on-screen as you swipe across the screen.
   - **Speed vs. accuracy**: sets how quickly Swype responds to on-screen input. Move the slider between Fast Response (speed) or Error Tolerance (accuracy) and tap **OK**.

4. Locate the **Help** section to alter these settings:
   - **Swype help**: allows you to view the on-line user manual for Swype.
   - **Tutorial**: a short tutorial that helps you to get started using Swype.
5. Locate the **About** section to review the Swype application information:
   - **Version**: lists the Swype version number.

Swype Text Entry Tips

You can access the SwypeTips application and watch a video or tutorial on using Swype. You can also use the following Swype text entry tips.

- Create a squiggle (like an S shape) to create a double letter (such as **pp** in apple).
- Touch and hold a key to view the punctuation menu then make a selection.
- Move your finger or stylus over the apostrophe to enter contractions.
- Double-touch on the word you want to change to correct a misspelled word, then touch the delete key to erase one character. Touch and hold the delete key to erase an entire word.

Selecting a Text Input Mode in Swype

1. From a screen where you can enter text, tap the text input field to reveal the on-screen keyboard.
2. With Swype as your text entry method, select one of the following text mode options:
   - **123 ABC**

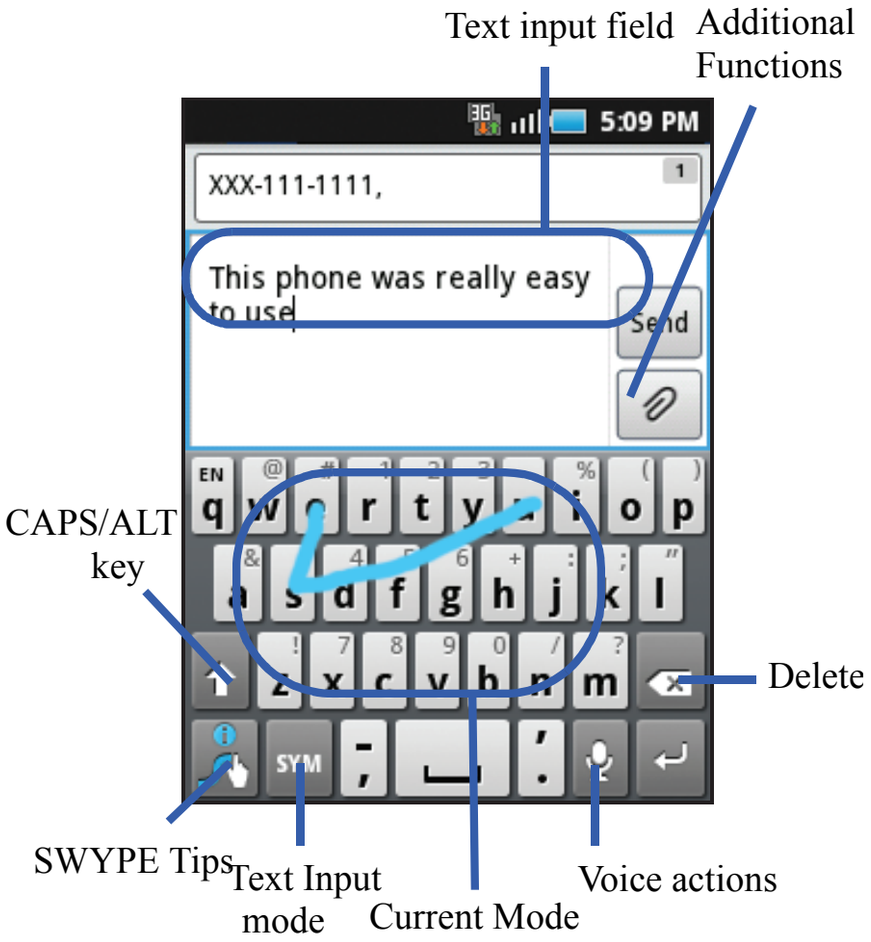
 to use Swype with alphanumeric characters from the onscreen keyboard.
   - **SYM** (Symbol)

 to enter symbols from the onscreen keyboard.

Note: After typing an initial uppercase character, the key changes to and all letters that follow are in lower case.

Swype Keyboard Overview

- **Text Input field**: a field where text, number, or other characters can be entered.
- **Additional Functions**: provides additional message options.
- **CAPS/ALT key**: When in 123ABC mode, this key changes the capitalization of the subsequent entered characters. When in SYM mode, this key can show additional symbol characters.



- **SWYPE tips**: Tapping this button displays the Swype tips and tutorial screen.
- **Text Input mode**: There are two available modes: **123ABC** and **SYM.**
  - 123ABC mode contains alphanumeric characters and a few common punctuation marks. Text mode button indicates **SYM**.
  - SYM mode contains only symbols and numbers. Text mode button indicates **123ABC**.

Using 123ABC Mode in SWYPE

In **123ABC** mode, you can enter only letters and a few common punctuation marks from the onscreen keyboard. The text mode key shows SYM.

1. From a screen where you can enter text, tap the text input field to reveal the on-screen keyboard.

Note: An on-screen landscape keyboard is not available since in this orientation you can use the QWERTY keyboard found below the screen.

---

2. Tap 123 ABC to configure the keyboard for 123ABC mode (showing letters and numbers on the onscreen keys). Once in this mode, the text input type shows SYM.

Note: After typing an initial uppercase character, the key changes to and all letters that follow are in lower case.

---

3. Swipe your finger continuously over the letters to form a word.
   - If you make a mistake, tap to erase a single character. Touch and hold to erase an entire word.
4. Tap Send to send the message.

All lowercase

Displays when the next character is entered in lowercase.

Initial Uppercase

Displays when the next character is entered as uppercase but all subsequent characters are lowercase.

All Uppercase

Displays when all characters will be entered as uppercase characters.

By default, the first letter of an entry is capitalized and the following letters are lower case. After a word is entered and you lift your finger, the cursor automatically adds a space after the word.

To enter text via Swype:

This example shows a user entering the word “there”. Put your finger down on the “t”, and without lifting, glide it to the “h”, and then to the “e”, and then over to the “r”, and back to the “e”. When complete, lift your finger off the screen to allow the device to determine the closest word match.

Note: If multiple word choices exist for your Swype entry, an on-screen popup appears to provide additional word choices.

Entering Numbers and Symbols in SWYPE

By using the onscreen keyboard in portrait mode, some symbols are not available (such as Emoticons or Smileys). In SYM mode using Swype, you can only enter symbols and numbers from the onscreen keyboard. Once in SYM mode, the text mode key shows 123 ABC.

1. From a screen where you can enter text, tap the text input field to reveal the on-screen keyboard.
2. Tap SYM to configure the keyboard for SYM mode. Once in this mode, the text input type shows 123 ABC.
3. Tap the on-screen key for the number or symbol you want to enter.
4. Touch and hold an on-screen key to enter the secondary symbol (above the main one on the same key).
5. Tap to choose from additional symbols.

For example:

- To enter **&**: tap **123ABC** and swirl over the **a&** key.
- To enter **@**: tap **123ABC** and swirl over the **w@** key.

Using the Samsung Keypad

This QWERTY keypad can be used to enter text in either a Portrait or Landscape orientation. The only difference between the two orientations are the sizes of the keys.

From a screen where you enter text, rotate your phone counterclockwise to a landscape orientation. The on-screen QWERTY keypad displays.

Changing the Text Input Mode in Keypad

1. From a screen where you can enter text, tap the text input field to reveal the on-screen keyboard.
2. With Samsung keypad as your text entry method, select one of the following text mode options:
   - **ABC** ABC to use alphabetic characters from the on-screen keyboard. In this mode, the text mode button displays ?123.
   - **SYM** (Symbol) ?123 to enter numbers by pressing the numbers selecting them on the onscreen keyboard. In this mode, the text mode button displays ABC.

Note: After typing an initial uppercase character, tap ⇧ to toggle capitalization.

Using ABC Mode in Samsung Keypad

1. From a screen where you can enter text, tap the text input field to reveal the on-screen keyboard.
2. Tap ABC to configure the keyboard for ABC mode. Once in this mode, the text input type shows ?123.

Note: After typing an initial uppercase character, the ⇧ key changes to ⇧ and all letters that follow are in lower case.

3. Enter your text using the on-screen keyboard.
   – If you make a mistake, tap ⌫ to erase a single character. Touch and hold ⌫ to erase an entire word.
4. Tap Send to send the message.

⇧ **All lowercase**

Displays when the next character is entered in lowercase.

Initial Uppercase

Displays when the next character is entered as uppercase but all subsequent characters are lowercase.

By default, the first letter of a new entry is capitalized and the following letters are lowercased. After a character is entered, the cursor automatically advances to the next space.

Using Symbol Mode in Samsung Keypad

Use Symbol Mode to add numbers, symbols, or emoticons. While in this mode, the text mode key displays ABC.

1. From a screen where you can enter text, tap the text input field to reveal the on-screen keyboard.

Important!: To use the Samsung keypad, the phone must be maintained in a portrait orientation.

---

2. Tap ?123 to configure the keyboard for Symbol mode.Once in this mode, the text input type shows ABC. Tap a number, symbol, or emoticon character.
3. Tap ABC to return to ABC mode where the key shows ?123.

To enter symbols:

1. Tap ?123 to enter **?123** mode.
2. Tap the appropriate symbol key.

   – or –

   Tap 1/3 to select from additional symbol characters.

   - The first number on this key indicates which page (1, 2, or 3) of additional characters is active.

Configuring Samsung Keypad Settings

1. Press ➔ and then tap ➔ **Language and keyboard ➔ Samsung keypad.**

   – or –

   From within an active text entry screen, tap from the bottom of the screen to reveal the Samsung keypad settings screen.

2. Set any of the following options:

- **Portrait keypad types** allows you to choose a keypad configuration (Qwerty Keypad [default] or 3x4 Keypad).
- **Input languages** sets the input language. Tap a language from the available list. The keyboard is updated to the selected language.
- **XT9** enables predictive text entry mode. This must be enabled to gain access to the advanced settings.
- **XT9 advanced settings** configuration of more advanced XT9 features. For more information, refer to *"Using Predictive Text"* on page 61.
- **Keypad sweeping** automatically moves the screen in the direction your finger moves along the screen.
- **Voice input** activates the Voice input feature. This is an experimental feature that uses Google's networked speech recognition application.
- **Auto-full stop** automatically inserts a full stop by tapping the space bar twice.
- **Tutorial** launches a brief onscreen tutorial covering the main concepts related to the Samsung keypad.

Using Predictive Text

XT9 is a predictive text system that has next-letter prediction and regional error correction, which compensates for users pressing the wrong keys on QWERTY keyboards.

Note: XT9 is only available when ABC mode is selected. XT9 advanced settings are available only if the XT9 field has been selected.

---

1. Press ➔ and then tap ➔ **Language and keyboard ➔ Samsung keypad.**

   – or –

   From within an active text entry screen, tap at the bottom of the screen to access the **Samsung keypad settings** screen.

2. Tap the **XT9** field. A checkmark indicates activation.

3. Tap the **XT9 advanced settings** and configure any of the following advanced options:

   - **Word completion** tells your device to attempt to predict how to complete the word you have started. (A green check mark indicates the feature is enabled.)
   - **Word completion point** sets how many letters should be entered before a word

prediction is made. Choose from 2 letters, 3 letters, 4 letters, or 5 letters.

- **Spell correction** enables the automatic correction of typographical errors by selecting from a list of possible words that reflect both the characters of the keys you touched, and those of nearby characters. (A green check mark indicates the feature is enabled.)
- **Next word prediction** predicts the next word you are like to enter. (A green check mark indicates the feature is enabled.)
- **Auto-append** automatically adds predictions to the word you are typing. (A green check mark indicates the feature is enabled.)
- **Auto-substitution** allows the device to automatically replace misspelled or miskeyed words. This option reduce "typos." (A green check mark indicates the feature is enabled.)
- **Regional correction** automatically tries to correct errors caused when you tap keys adjacent to the correct keys. (A green check mark indicates the feature is enabled.
- **Recapture** sets the device to redisplay the word suggestion list after selecting the wrong word from the list.
- **XT9 my words** allows you to add new words to the built-in XT9 dictionary.
  - Tap **Add word**.
  - Use the **Register to XT9 my words** field to enter the new word.
  - Tap **Done** to store the new word.
- **XT9 auto-substitution** allows you create a word rule by adding words for automatic substitution during text entry (for example youve becomes you've).
  - Tap the XT9 auto-substitution field. Flick up or down to review the current list of word substitutions.
  - Press and then tap **Add**.
  - Enter the original word that will be replaced in the **Shortcut** field (for example, youve).
  - Enter the substitute word that will be used in the **Substitution** field (for example, you have).
  - Tap **Done** to save the substitution rule.

4. Press to return to the previous screen.

Section 6: Contacts

This section explains how to use and manage your Contacts List. You can save phone numbers to your phone's memory.

Accounts

From the Accounts menu you decide if you want applications to synchronize, send, and receive data at any given time, or if you want the applications to synchronize automatically. After determining how you want the accounts to synchronize, indicate which account to synchronize with your Contacts list.

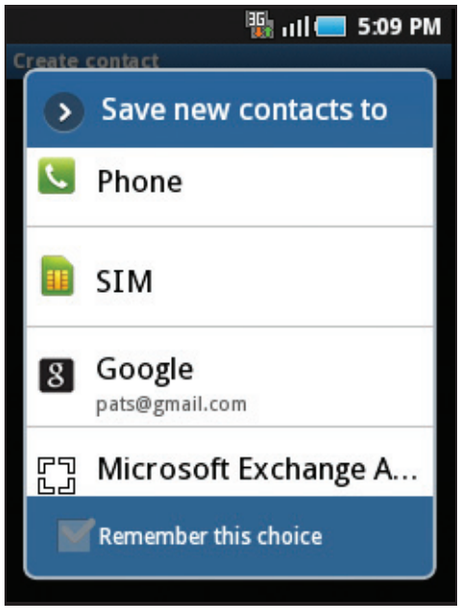
1. Sign in to your Google account.
2. From the Home screen, press and then tap **Settings** ➔ **Accounts and sync**.
3. From the General sync settings section, touch one of the following options:
   - **Background data**: allows your phone to use data in the background.
   - **Auto-sync**: automatically synchronizes your data with the phone.
4. From the Manage accounts area, tap next to the account you want to synchronize.

   – or –

   Tap **Add account** to create a new account.
5. Tap an account type to add.
6. Follow the on-screen instructions. The selected account type synchronizes with your Contacts list.

Contacts List

Creating a Contact



The default storage location for saving phone numbers to your Contacts List is your phone's built-in memory.

If existing Google and Corporate email accounts have been synchronized to your phone, these will be made available to your device during the creation of new entries. These new Contacts entries can be assigned or saved to synced accounts such as Phone, SIM, or Google.

Your phone automatically sorts the Contacts entries alphabetically. You can create either a **Phone**, **SIM**, **Google**, or **Microsoft Exchange ActiveSync** contact.

Note: Before you can save a contact to the Phone, Contact settings must be set to **Save new contacts to Phone**.

- **Phone** contacts are stored locally on the device.

Note: If the phone is ever reset to its factory default parameters, contacts stored on the phone can be lost.

- **SIM** contacts are stored within the SIM Card.

Note: SIM contacts only store the Name and Phone number for an entry.

- **Google** contacts are shared with your existing Google account and can also be imported to your phone after you have created a Google Mail account.
- **Microsoft Exchange** (also known as Work or Outlook) contacts are those contacts that are intended to be shared with either an Exchange Server or from within Microsoft® Outlook®.

Note: When storing an entry into your SIM card, note that only the Name, and Number are saved. To save additional information for a particular contact, such as notes, email, dates, etc., it is important to save that Contact into your phone's onboard memory.

1. From the Home screen, tap (**Contacts**).
2. Tap to create a contact.

Note: You can also add a new contact by entering a number from the keypad and pressing and then tap **Add to Contacts** ➔ (**Create contact**). Continue with step 3.

3. Tap a destination type (**Phone**, **SIM**, **Google**, or **Microsoft Exchange ActiveSync**) (depending on where you want to save the new contact information).
4. Tap the **First name** and **Last name** fields, and enter a name for this contact using the displayed keypad.
5. Tap the image icon and select a photo for this contact. Selections are: **Album**, or **Take photo**.
6. Tap the label button (to the left of the **Phone number** field) to select a category such as **Mobile** (default), **Home**, **Work**, **Work fax**, **Home fax**, **Pager**, **Callback**, **Other**, or **Custom**.

Note: Some destinations may provide different options or arrangement.

7. Tap a phone number field and enter a phone number.

- Tap on the QWERTY keyboard to remove a previously entered phone number.
- Tap to enter an additional phone number
- Tap to remove a previously entered phone number.

8. Enter additional information such as: **Email**, **IM**, **Groups, Ringtone**, **Postal address**, **Organization** or **More** fields to input additional category information.
   - **More** provides options such as: Notes, Nickname, Website, Birthday or Anniversary.
   - Use your finger to slide the page up or down to see additional fields and categories.
9. Tap **Save** to complete and store the new entry.

To save a Number from your Keypad:

1. From the Home screen, tap (**Phone**).
2. Enter a phone number using the on-screen dialpad.
3. Tap **Add to Contacts** ➔ (**Create contact**) or select the Contact entry from the on-screen list.

– or –

Press and then tap **Add to Contacts** ➔ (**Create contact**) or select the Contact entry from the on-screen list.

- If you're updating an existing contact, tap the entry from the list and proceed to step 5.

4. Tap a destination type (**Phone**, **SIM**, **Google**, or **Microsoft Exchange ActiveSync**).
5. Tap the **First name** and **Last name** fields, and enter a name for this contact.
6. Tap the label button (to the left of the **Phone number** field) to select a category such as **Mobile** (default), **Home**, **Work**, **Work fax**, **Home fax**, **Pager**, **Callback**, **Other**, or **Custom**.
7. Tap **Save** to complete and store the new entry.

Note: For further details about how to enter characters, see *"Text Input Methods"* on page 54.

Finding a Contact

You can store phone numbers and their corresponding names onto either your SIM card, your phone's built-in memory, or an external location (such as Google or

Exchange). They are all physically separate but are used as a single entity, called Contacts.

Depending on the storage size of the particular SIM card, the maximum number of phone numbers the card can store may differ.

1. From the Home screen, tap (**Contacts**).
2. Swipe up or down until you see the contact displayed.

   – or –

   Tap the **Search contacts** field and begin entering the entry's name. Matching entries are then displayed. This process filters through all of your current account Contact entries to only show you the matching entries.

   – or –

   In a single motion, touch and hold the letter tab area (on the right) until on-screen letters appear, then scroll through the list. You are then taken to that section of the Contacts list. Tap the contact entry.

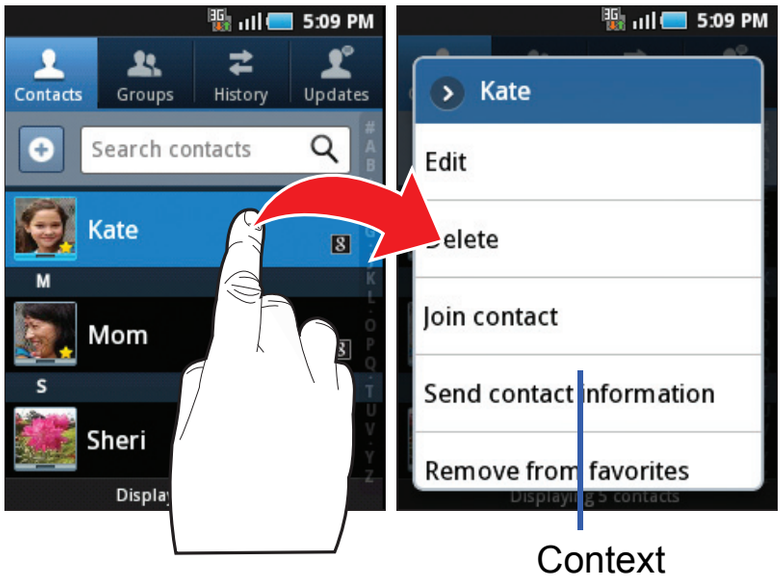
Editing Contact Information

1. From the Home screen, tap .
2. Tap a contact name from the list.
3. Press and select **Edit**.

Note: You can also access an entry's context menu by touching and holding an entry then tapping **Edit**.

---

4. Edit the contact information then tap **Save**.



Context Menu

Adding a Number to an Existing Contact

1. From the Home screen, tap .
2. Touch and hold an entry and select **Edit** to reveal the Contact entry's details screen.
3. Touch a phone number field and enter a phone number.
   - Tap on the QWERTY keyboard to remove a previously entered phone number.
   - Tap to enter an additional phone number
   - Tap to remove a previously entered phone number.
4. Enter additional information such as: **Email**, **IM**, **Ringtone**, **Postal address**, **Organization** or **More** fields to input additional category information.
   - **More** provides options such as: Notes, Nickname, Website, Birthday or Anniversary.
   - Use your finger to slide the page up or down to see additional fields and categories.
5. Tap **Save** to complete and store the new entry.

Deleting Contacts

This option allows you to delete your contacts. You can delete all your entries from your phone's memory, your SIM card, FDN, or All.

Important!: Once Contacts List entries are deleted, they cannot be recovered.

---

1. From the Home screen, tap .
2. Touch and hold a contact name from the list and select **Delete** → **OK**.

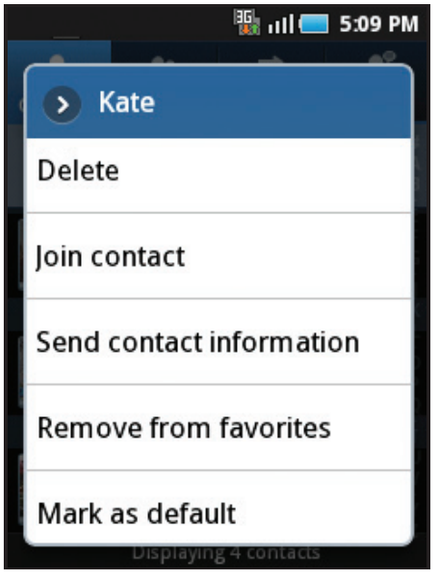
Contact List Options

1. From the Home screen, tap .
2. Press . The following options display:

- **New contact**: allows you to add a new contact entry.
- **Delete**: allows you to delete 1 or more of your contacts.
- **My profile**: allows you to set up a profile for yourself. The information will be the same that you can add for a new contact.
- **Import/Export**: imports or exports contacts to or from the SIM card or microSD card.
- **Get friends**: allows you to get contacts from your friends on Facebook, Twitter, or MySpace. You can also get contacts from Microsoft Exchange ActiveSync or Google accounts.
- **More**:
  - **Accounts**: allows you to add and manage mobile accounts on Facebook, Twitter, or MySpace. You can also add Corporate or Google accounts.
  - **Speed dial**: allows you to set up speed-dialing.
  - **Send email**: allows you to send an email using your Google account.
  - **Send message**: allows you to send a text or picture message.
  - **Display options**: where you can choose to only display contacts that have phone numbers, sort by first or last name, display contacts first name first or last name first, display contacts stored to your SIM card, display contacts stored on your phone, and/or display contacts stored to other accounts.
  - **Settings**: allows you to configure where you save new contacts, or view your Own numbers, or Service numbers.

Contact Menu Options

1. From the Home screen, tap .



2. Touch and hold an entry to reveal the context menu. The following options display:

- **Edit**: allows you to edit the currently selected Contacts entry.
- **Delete**: allows you to delete the currently selected Contacts entry.
- **Join contact**: allows you to link the current contact to another current contact. Similar to a “see also” feature. If you can’t remember a contact’s information, linking entries can help you find the person you are looking for.
- **Send contact information**: allows you to send the current entry info via text message.
- **Add to favorites**: allows you to copy the current Contacts entry to the list within the Favorites tab.

- **Remove from favorites**: allows you to remove the current Contacts entry from the Favorites tab.
- **Add to group**: allows you to add the current Contacts entry to an existing group.
- **Mark as default**: allows you to assign default numbers, email, etc.. for a selected Contact. For more information, refer to *"Marking a Contact as Default"* on page 70.
- **Send namecard via**: allows you to send the current Contact entry's information to an external recipient via either **Bluetooth**, **Email** (Exchange or Internet), **Gmail**, or **Messaging**.

Contact Entry Options

1. From the Home screen, tap .
2. Touch an entry to reveal the **Contact entry's Overview Screen**. This screen contains Name, contact numbers, email, and linked contact information.
3. Press to reveal the context menu specific to this entry.
4. Tap an available option.

Joining Contact Information

Most people now maintain multiple email accounts, social networking logins, and other similar account information. For example, a Facebook account login name might differ from a corporate email account login because they are maintained separately and for different groups of people.

This device can synchronize with multiple accounts (such as Facebook, Twitter, MySpace, Microsoft Exchange ActiveSync or Google). When you synchronize your phone with those accounts, each account creates a separate contact entry in the Contacts list.

If one of your contacts (Amy Smith) has a regular email account that you maintain in Gmail, but also has a Facebook account under her maiden and married name, as well as a Video! chat account, when you merge those accounts into your Contacts list you can join all of her entries and view the information in one record.

Joining contact information makes sending messages easy. You can select any account email address or information all from one screen, versus searching multiple, individual screens to locate the desired account information.

Next time you synchronize your phone with your accounts, any updates contacts make to

email account names, email addresses, etc. automatically update in your contacts list.

For more information about synchronizing accounts, see *"Get Friends"* on page 74.

1. From the Home screen, tap .
2. Tap a contact name (the name you want to link to another entry).

Note: Typically this is the same contact with a different name or account information.

---

3. Press and then tap **Join contact**.
4. Tap the second contact entry (the entry in which to link). The second contact is now linked with the first and the account information is merged into one screen.

Note: The information is still maintained in both entries, but displays in one record for easier viewing when you link the contacts.

Important!: It is the second contact image that is displayed for both by the first contact's name that is used.
For example: If Amy (original entry) is joined with Julie (second entry). Julie appears to disappear and only Amy remains. Tap the Amy entry (showing the Julie image) to view both.

---

5. Tap the main linked contact to view the contact information you linked. The contacts and information displays with an icon next to the contact name to indicate what type of account information is contained in the entry.

Unjoining a Contact

1. From the Home screen, tap .
2. Tap a contact name (the account name from which you want to unjoin an entry). This reveals the details for entry.

Note: Typically this is the same contact with a different name or account information.

---

3. Tap the **Joined contacts** area.
4. Tap next to the entry you want to unjoin. The contacts are "unjoined" or separated and no longer display in the merged record screen. Both contacts now go back to being separately displayed.

Marking a Contact as Default

When you use applications such as the Voice Dialer or other messaging type applications, the application needs to know which information is primary (default) in a contact entry list. For example, when you

say “Call John Smith”, if you have three phone records for John Smith, the Voice dialer is looking for the “default” number or entry.

The **Mark as default** option marks one entry in a contact record to use as the default. This comes in handy when you have multiple entries for the same person (**see Linked contacts**).

1. From the Home screen, tap .
2. Tap a Contact entry.
3. Press and then tap **Mark as default**. The Mark as default screen displays radio buttons next to the contact name, phone number, or other contact information.
4. Tap the radio button next to the entry information you want to be the primary information (such as name, phone number, or email) and select **Save**.

Sending a Namecard

A Namecard contains contact information, and can be sent to recipients as a Virtual Business Card (V-card) attachment using Bluetooth, Google Mail, or as a message.

1. From the Home screen, tap .
2. Tap a Contact entry.
3. Press and then tap **Send via** and select a delivery method: **Bluetooth**, **Email, Gmail,** or **Messaging**.

   The Namecard attaches to the selected message type and is delivered when you send the message.

Sending All Current Namecards

Rather than selecting once Contact entry at a time, you can send all of your current entries at once.

1. From the Home screen, tap .
2. Press and then tap **Import/Export** ➔ **Send namecard via**.
3. Tap **Select all** to place a check mark alongside all currently displayed Contact entries.
4. Tap **Send** and select a delivery method:
   - **Bluetooth** to transmit this contact to another bluetooth-compatible device.
   - **Email** to attach the contact card to a new outgoing email (Exchange or Internet).
   - **Gmail** to attach the contact card to a new outgoing Internet-based email.
   - **Messaging** to attach the contact card to a new outgoing text message.

Sending a namecard using Bluetooth

You must create a Contact prior to sending a namecard to a recipient. For more

information, refer to *"Creating a Contact"* on page 63.

1. From the Home screen, tap .
2. Touch and hold the entry to reveal the on-screen context menu.
3. Tap **Send namecard via ➔ Bluetooth**.

Important!: You must activate Bluetooth to use this feature.

---

4. Tap the Bluetooth device in which to send this name card. Bluetooth forwards the namecard to the recipient.

Copying Contact Information

Copying Contact Information to the SIM Card

The default storage location for saving phone numbers to your Contacts list is your phone's built-in memory. This procedure allows you to copy numbers saved to the phone's memory, onto the SIM card.

Note: These must be contacts stored on the phone. External entries (Google, Exchange, etc...) can not be transferred in this manner.

---

1. From the Home screen, tap .
2. From the Contacts List, press and then tap **Import/Export ➔ Export to SIM card**.
3. Tap **Select all** to choose all current phone contact entries.

   – or –

   Select a specific entry by touching an entry. A check mark indicates a selection.
4. Tap **Export**. The name and phone number for the selected contact is then copied to the SIM.

Copying Contact Information to the microSD Card

This procedure allows you to copy entry information saved on the phone's memory, onto the SD card.

1. Verify you have a properly mounted SD located within the microSD card slot.

Note: If your SD card is not properly mounted, you will not receive an option to export contacts to the SD card.

---

2. From the Home screen, tap .
3. From the Contacts List, press and then tap **Import/Export ➔ Export to SD card**.
4. Tap **Yes** to choose all current phone contact entries.

Synchronizing Contacts

Syncing data from your managed accounts allows you to add and manage a new or existing contact from your online or remote accounts to your phone. Prior to syncing, you must first have an active Google or Microsoft Exchange account with current Contact entries, and be signed into your account via the phone.

With syncing, any Contacts entries (with phone numbers, email addresses, pictures, etc.) are updated and synced with your phone. For more information about syncing existing managed accounts, see *"Accounts and Synchronization"* on page 153.

1. Press ➔ and then tap ➔ **Accounts and sync**.
2. Locate the email account containing the contacts you wish to synchronize.
3. Tap within the adjacent account field to reveal the account's synchronization settings screen.
4. To synchronize Contacts, tap **Sync Contacts**. A green checkmark indicates the feature is enabled.
5. Your **Contacts** tab then reflects any updated Contact information.

Note: The process of updating your Contacts tab can take several minutes. If after 10-20 minutes, your list has not been updated, repeat step 2-3.

Note: Syncing of contacts requires you are logged into your Gmail and Corporate accounts via the device.

Display Options

The Display options menu allows you to allows you to choose whether to display contacts saved from the Phone, SIM, external source, or all. You can also choose to display only contacts that have phone numbers.

1. From the Home screen, tap .
2. Press and then tap **More ➔ Display options**. Configure any of the following options:
   - **Only contacts with phones** allows you to display only those contacts containing phone numbers.
   - **Sort by** defines how the current list of Contacts are sorted: **First name** or **Last name**.
   - **Display contacts by** defines how the current list of Contacts are listed: **First name first** (ex: Steve Smith) or **Last name first** (Smith, Steve).
   - **Select contacts to display** allows you to filter Contacts based on category entries from within the locations such as: **Phone**, **SIM**, **Google**, and **Microsoft Exchange**.

3. Tap **Done**.

Get Friends

When you synchronize applications such as Facebook, Twitter, MySpace, a corporate email account, or Google, using the Get Friends option synchronizes the data from the selected account type with your Contacts list.

1. From the Home screen, tap .
2. Press and then tap **Get friends** ➔ **Add account** ➔ **Add account**.
3. Determine which type of account information you want to synchronize with your Contact list. Selections are: **Facebook, Twitter, MySpace, Microsoft Exchange ActiveSync**, or **Google**.
4. Tap an account type to add.
5. Follow the prompts. The selected account type synchronizes with your Contacts list.
6. After synchronizing accounts you may want to link contact information. For more information, refer to *"Joining Contact Information"* on page 69.

To add Facebook content to your Contacts list:

You can now add your Facebook contact information, such as pictures, email, and phone numbers directly to your Contacts list. All of their current contact information is then migrated over to your phone. If a Contacts entry already exists with a slightly different name, separate entries are created and can later be linked (joined) together into a single entry.

You will need to have an existing Facebook account before you can synchronize your contacts between your phone and this account type.

Important!: This process not only synchronizes your contact information but also your status, events, and more.

---

1. Press ➔ and then tap (**Settings**) ➔ **Accounts and sync** ➔ **Add account** ➔ **Facebook.**
   - This process adds your Facebook account to the list of managed and synchronized accounts. In this case, your Facebook contacts are synchronized with your phone's Contacts list.
2. Read the on-screen information and tap **Next**.
3. Enter your account's access **Email** and **Password** information and tap **Login**.

4. Select a sync interval (from **None** to **Once a day**) and tap **Next**.
5. Tap those settings you wish to synchronize (all are enabled by default). A green checkmark indicates the feature is enabled.
   - Choose from: **Select Contacts to Sync**, **Sync all contacts**, or **Sync Calendar**.
6. Tap **Done** to save these settings and return to Accounts and sync screen.
7. Tap to confirm your Facebook contacts are now synchronized and appear in your Contacts list.

My Profile

You can send this Virtual Business Card (V-card) to other contacts as an attachment. My Profile is the first Contact listed in the Contacts list.

Note: As with any profile, your profile can be associated with a group.

To create My Profile:

1. From the Home screen, tap .
2. Press and then tap **My profile**.
3. Enter information into the various fields.
4. Tap **Save** to store the new entry.

To edit My Profile:

1. With My profile displayed, press and then tap **Edit**.
2. Modify any of the information contained in My Profile, then tap **Save**.

Additional Contact Options

Sending an Email to a Contact

Note: Contacts must contain and email account and address before you can use the Send email feature.

---

1. From the Home screen, tap .
2. Press and then tap **More** ➔ **Send email**. Contacts that contain an email address display.
3. Tap the contact to which you want to send an email. A check mark displays next to the selection.

Note: The select contact must have an email as part of their details screen.

---

4. Tap **Add**.
5. Select an email account type.
6. Compose the email and tap **Send**.

Export/Import

For more information, refer to *"Copying Contact Information"* on page 72.

Contact List Settings

From this menu you can determine the default storage location for Contacts, display your phone's primary number, and view service numbers listed in your Contact list.

1. From the Home screen, tap .
2. Press and then tap **More** ➔ **Settings**.
3. Select one of the following options:
   - **Save new contacts to**: defines the default storage location of new Contacts. Choose from: **Always ask**, **Phone**, **SIM**, **Google**, or **Microsoft Exchange ActiveSync**.
   - **Own numbers**: displays the number for this device.
   - **Service numbers**: displays the list of Service Dialing Numbers (SDN) assigned by your service provider. These numbers include emergency numbers, customer service numbers and directory inquiries.

Groups

This feature allows you to add a new or existing contact to a call group. This group can be one of the already present groups (Family, Friends, or Work) or a user-created group.

Creating a New Caller Group

1. From the Home screen, tap ➔ **Groups** tab.
2. Press and then tap **Create**.
3. Tap the **Group name** field and use the on-screen keypad to enter a new group name. For more information, refer to *"Text Input Methods"* on page 54.
4. Tap **Ringtone** and select a ringtone for the group. Selections are: **Default ringtone**, **Sound**, or **Phone ringtone**.
5. Tap **Save** to store the newly created group

Adding an Existing Entry to a Current Caller Group

1. From the Home screen, tap ➔ **Groups** tab.
2. Tap a group entry, then tap (**Add group member**).

Note: Some group members require that you add new members externally. Ex: Google

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3. From the list of contacts, tap the contact(s) you want to add. A checkmark displays next to contact entry.
4. Tap **Add**. The selected contacts are added to the group.

Removing an Entry From a Caller Group

1. From the Home screen, tap ➔ **Groups** tab.
2. Touch a group entry.
3. Press and then tap **Remove member**.
4. Tap all of the contacts you want to remove from this group. A checkmark displays next to contact entry.
5. Tap **Remove**.The contacts are removed from the group.

Editing a Caller Group

To edit a Group entry, there must be at least one member as part of the selected group.

1. From the Home screen, tap ➔ **Groups** tab.
2. Touch a group entry.
3. Press and then tap **Edit group**.
4. Make modifications to the **Group name** or **Ringtone** fields. For more information, refer to *"Creating a New Caller Group"* on page 76.
5. Tap **Save**.

Sending a Message to a Group

1. From the Home screen, tap ➔ **Groups** tab.
2. Tap an existing group, and press and then tap **Send message**.
3. Select the recipients of the new message (indicated by a green checkmark). If an entry contains multiple phone numbers, each must be selected individually.
4. Tap **Add**.
5. Type your message, and tap **Send**.

The History Tab

The History tab is a list of the phone numbers that have been received, missed, and returned. For more information, refer to *"Call Log Tab"* on page 50.

1. From the Home screen, tap .
2. Tap the **History** tab.
3. Press . The following options are available:
   - **Delete**: allows you to delete calls or messages from History. Select a call or message and tap **Delete**.
   - **View by**: allows you to select the type of displayed calls, messages, or emails. Selections are: Call, Message, Email, Facebook, MySpace, Twitter, or Select all. Tap the items you want to display then tap **Done**.

The Updates Tab

From the Updates tab you can view updated contact information that were synchronized with Facebook, Myspace, or Twitter.

1. From the Home screen, tap .

Note: You must log in to an SNS account (Facebook, Myspace or Twitter) before you can view the Updates.

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2. Tap the **Updates** tab. The updates display.

Section 7: Messages

This section describes how to send or receive different types of messages. It also explains the features and functionality associated with messaging.

Types of Messages

Your phone provides the following message types:

- Text Messages
- Multimedia (Picture, Video, and Audio) Messages
- IM Messages
- Email and Gmail Messages
- Google Talk

Message Icons on the Status Bar

Icons are displayed on the Status Bar at the top of the display when new messages are received. For more information, refer to *"Status Bar"* on page 19.

Creating and Sending Messages

The Short Message Service (SMS) lets you send and receive text messages to and from other mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's message service.

The Multimedia Messaging Service (MMS) lets you send and receive multimedia messages (such as picture, video, and audio messages) to and from other mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's multimedia message service.

Important!: When creating a message, adding an image, a sound file, or a video clip to a text message changes the message from a text message to a multimedia message.

Messaging icons are displayed at the top of the screen and indicate when messages are received and their type. For more information, refer to *"Indicator Icons"* on page 19.

1. From the Home screen, tap (**Messaging**) ➔ **New message**.
2. Tap on the **To** field to manually enter a recipient or select one of the following:
   - **Recent**: to select a recipient from a list of recently sent messages.
   - **Contacts**: to select a recipient from your Contacts list (valid entries must have a wireless phone number or email address).
   - **Groups**: to select a recipient from the Group list.

3. If adding a recipient from either Recent, Contacts, or Groups, tap the contact to place a checkmark then tap **Add**. The contact displays in the recipient field.

Note: For the Groups option, if the number of recipients is less than 10, all members in the group are added. Delete any unnecessary members in the list by selecting the trash can icon and deleting unwanted entries.

---

4. Tap the **Tap to compose** field and use the on-screen keypad to enter a message. For more information, refer to *"Text Input Methods"* on page 54.
5. Add more recipients by touching the **To** field.
6. Review your message and tap **Send.**

Note: If you exit a message before you touch send the message automatically saves as a draft.

Message Options

1. From the Home screen, tap (**Messaging**).
2. From within an open message, press to display additional messaging options:

- **View contact**: reveals the current Contact's overview screen.
- **Add subject**: allows you to add a subject line and converts the text message into a multimedia message.
- **Attach**: allows you to attach the following:
  - **Slideshow**: allows you to create up to a 10 page slideshow to attach to the message.
  - **Pictures**: allows you to tap an existing image from your Pictures list to add it to your message.
  - **Videos**: allows you to tap an existing video file you wish to attach.
  - **Audio**: allows you to choose an existing audio file from the Audio list, then add it to your message by tapping **OK**.
  - **Capture picture**: allows you to temporarily exit the message, take a photo with phone's camera, then add it to your message by tapping **Save**.
  - **Capture video**: allows you to temporarily exit the message, record a video clip using the phone's video camera, then add it to your message by touching **Save**.
  - **Record audio**: allows you to temporarily exit the message, record an audio clip using the phone's microphone, then add it to your message by pressing then tapping **Add**.
  - **Contacts**: allows you to tap on an existing Address Book entry to add their contact info to your message.

– **Calendar**: allows you to tap on an existing Calendar event and add it to your message.

– **Memo**: allows you to tap on an existing Memo and add it to your message.

- **Add text**: allows you to add text items from sources such as: Contacts, Calendar, and Memo.
- **Insert smiley**: allows you to insert an emoticon (smiley).
- **Delete messages**: allows you to delete messages.
- **More**: provides additional messaging functions such as: Discard and Call.

Viewing Newly Received Messages

When you receive a message, your phone notifies you by displaying within the Notification area at the top left of your Home screen.

To read a message:

1. Open the Notification Bar and select the message. For more information, refer to *"Notification Bar"* on page 22.

   – or –

   From the Home screen, tap then tap the new message to view. The selected message displays on the screen.

2. Tap to play a multimedia message.

3. In a single motion, touch and scroll up or down the page to scroll through the message (if additional pages were added).

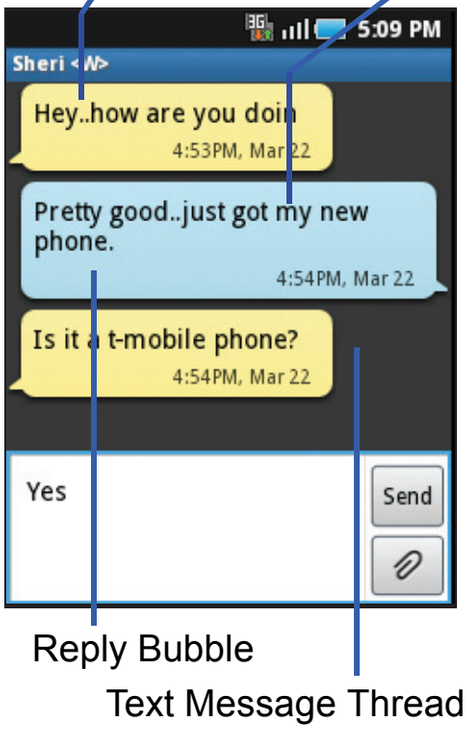
Message Threads

Sent and received text and picture messages are grouped into message threads. Threaded messages allow you to see all the messages exchanged (similar to a chat program) and displays a contact on the screen.

Message threads are listed in the order in which they were received, with the latest message displayed at the top.

To reply to a text message:

1. From the Home screen, tap .
2. While the message is open, tap the **Type to**



compose field and then type your reply message.

3. Compose your reply.

   Your texts are colored Blue and your caller's replies are Yellow.

4. Tap **Send** to review your reply.

   – or –

   Press and then tap one of these messaging options: **Add subject**, **Attach**, **Add text**, **Insert smiley**, **Delete messages**, or **More** (Discard, Call, Add to Contacts, or View Contacts).

To access additional Bubble options:

▶ Touch and hold the message bubble to display the following options:

- **Delete message**: deletes the currently selected message bubble from the thread.
- **Add to Contacts**: adds the current caller to your Contacts list.
- **Copy message text**: copies the currently selected message bubble from the thread.
- **Lock/Unlock message**: locks or unlocks the currently selected message bubble from being accidentally deleted.
- **Forward**: allows you to forward the currently selected message bubble to an external recipient.
- **Copy to SIM**: copies the currently selected message bubble as a single text message within the SIM card.
- **View message details**: displays details for the currently selected message bubble.

Deleting Messages

Deleting a single message

1. From the Home screen, tap .
2. Touch and hold a message, then select **Delete thread**.
3. At the prompt, tap **OK** to delete or **Cancel** to exit.

Deleting multiple messages

1. From the Home screen, tap .
2. Press and then tap **Delete threads**.
3. Tap each message thread you want to delete. A checkmark displays beside each selected message.
4. Tap **Delete**.
5. At the prompt, tap **OK** to delete or **Cancel** to end the process.

Message Search

You can search through your messages by using the Message Search feature.

1. From the Home screen, tap .
2. Press and then tap **Search**.

3. Use the on-screen keypad to enter a word or phrase in which to search, then tap .
4. All messages that contain the entered search string display.

Messaging Settings

To configure the settings for text messages, multimedia messages, Voice mails, and Push messages.

1. From the Home screen, tap .
2. Press and then tap **Settings**.

The following Messaging settings are available:

Storage settings

- **Delete old messages**: deletes old messages once the message limit has been reached.
- **Text message limit**: allows you to set a limit on how many text messages are allowed in one conversation.
- **Multimedia message limit**: allows you to set a limit on how many multimedia messages are allowed in one conversation.

Text message settings

- **Delivery reports**: when this option is activated, the network informs you whether or not your message was delivered.
- **Manage SIM card messages**: allows you to manage the messages stored on the SIM card.
- **Message centre**: allows you to enter the number of your message centre where your messages reside while the system is attempting to deliver them.
- **Input mode**: allows you to set the input mode for your text messages. Choose GSM alphabet, Unicode, or Automatic.

Multimedia message settings

- **Delivery reports**: when this option is activated, the network informs you whether or not your message was delivered.
- **Read reports**: when this option is activated, your phone receives a request for a read reply along with your message to the recipient.
- **Auto-retrieve**: allows the message system to automatically retrieve messages.
- **Roaming auto-retrieve**: allows the message system to automatically retrieve while roaming.
- **Creation mode**: allows you to select the creation mode: Restricted, Warning, or Free.

– **Restricted**: you can only create and submit messages with content belonging to the Core MM Content Domain.
– **Warning**: the phone will warn you via pop up messages that you are creating a multimedia message which does not fit the Core MM Content Domain.
– **Free**: you may add any content to the message.

Notification settings

- **Notifications**: allows you to see message notifications on your status bar.
- **Select ringtone**: allows you to set the ringtone for your message notifications.

Email

Email (or Internet Email) enables you to review and create email using several email services. You can also receive text message alerts when you receive an important email. Your phone's Email application lets you access and manage multiple email accounts simultaneously in one convenient location.

There are currently three main types of email accounts on your phone: Gmail, Internet-based email (Gmail, Yahoo, etc..), and Microsoft Exchange (Corporate email or Outlook®).

To send and receive email messages through an ISP (Internet Service Provider) account, or if you wish to use your device to access your corporate email through a VPN (Virtual Private Network), you will first need to set up an IMAP or POP account.

- **IMAP** (Internet Message Access Protocol) - This protocol is frequently used in large networks and commercial settings. IMAP4 is the current standard.
- **POP3** (Post Office Protocol) - This protocol is supported by most ISPs (Internet service providers) and common among consumer applications. POP3 is the current standard.
- **Microsoft Exhange ActiveSync** - This protocol is frequently used with a large corporate email server system and provides access to email, contact, and calendar synchronization.

Creating an Internet Email Account

1. From the Home screen, tap (**Applications**) ➔ (**Email**). If you already have email accounts, your accounts screen is displayed.
2. Enter your email address in the **Email address** field. The phone will try to resolve the email address.
3. Enter your password in the **Password** field and tap **Next**.
   - Tap **Manual setup** to configure your connection settings manually (POP3 or IMAP). Follow the on-screen prompts and enter the information specific to your email provider.

- The unique account name is used to differentiate this account from other email accounts accessed by your device.

4. At the **Your accounts** screen, name the account and enter a screen name to identify yourself on this account. If you have already setup this account, skip to step 6.
5. Messages for this account display on the Inbox tab. You can also view Personal information for this account, Receipts (if you setup the account to return receipts), Travel information, and more (if available).
6. Tap **Done** to store the new account.

Important!: Only some "Plus" accounts include POP access allowing this program to connect. If you are not able to sign in with your correct email address and password, you may not have a paid "Plus" account. Launch the Web browser to access your account.

Opening an Internet Email

1. From the Home screen, tap → (**Email**).
2. Press and then tap **Accounts**.
3. Select an email account and tap an email message.

Refreshing Internet Email Messages

1. From the Home screen, tap → (**Email**).
2. Select an email account.
3. Press and then tap **Refresh**.

Composing Internet Email

1. From the Home screen, tap → (**Email**).
2. Press and then tap **Accounts**.
3. Select an email account.
4. Tap **Inbox** and press .
5. Tap **Compose**.
6. Enter the message recipient's email address in the **To** field.
   - If you are sending the email message to several recipients, separate the email addresses with a comma. You can add as many message recipients as you want.
   - Use the **Cc** field to carbon copy additional recipients.
   - Use the **Bcc** field to blind copy additional recipients.
7. Tap the **Subject** field and enter the email subject.
8. Tap the email text field and compose your email message.

- To add a picture attachment, tap **Attach** (from the bottom of the screen) and make a selection.
- If you want to cancel the message, tap **Discard**.

9. Once complete, tap **Send**.

Configuring Internet Email Settings

1. From the Home screen, tap ➔ (**Email**).
2. Press and then tap **Accounts**.
3. Select an account.
4. From the email list screen, press and then tap **More ➔ Account settings**.
5. Alter any of the following settings:
   - **Account name**: displays your uniquely created account display name.
   - **Your name**: displays the name used in the From field of your outgoing email messages.
   - **Email check frequency**: Tap to adjust the time interval used by your device to check your email account for new email messages.
   - **Default account**: Assign this account as the default email account used for outgoing messages.
   - **Email notifications**: Activates the email notification icon to appear within the Notifications area of the status bar when a new Internet mail (Gmail, etc..) is received.
   - **Select ringtone**: Plays a selected ringtone when a new email message is received.
   - **Vibrate**: Activates a vibration when a new email message is received.
   - **Incoming settings**: Lets you specify incoming email settings, such as username, password, and IMAP server.
   - **Outgoing settings**: Lets you specify outgoing settings, such as username, password, and SMTP server.
   - **Recent messages**: Lets you assign the number of recent messages that are displayed on-screen. Choose from: 25 - Total.
   - **Forward with files**: Lets you include attachments when forwarding an email.
   - **Add signature**: Lets you attach a customized signature to the bottom of all outgoing emails.
   - **Signature:** Lets you create an email signature for your outgoing Gmail email messages.

Microsoft Exchange Email (Outlook)

Your phone also provides access to your company's Outlook Exchange server. If your company uses either Microsoft Exchange Server 2003 or 2007, you can use this email application to wirelessly synchronize your email, Contacts, and Calendar information directly with your company's Exchange server.

Setting Up a Microsoft Exchange Email account

1. From the Home screen, tap ➔ (**Email**).
2. If you already have other email account setup:
   - Press and then tap **Accounts**.
   - Press and then tap **Add account**.

   – or –

   Enter your **Email address** and **Password** information, and then tap **Next**. Consult your Network or IT Administrator for further details and support.
   - **Email address**: your Outlook work email address.
   - **Password**: typically your network access password (case-sensitive).
3. Tap **Microsoft Exchange ActiveSync** (from the add email account screen).
4. When prompted to provide additional detailed information, scroll down the screen and tap **Next**.
5. Enter a **Domain**, confirm your **Username** and **Password** information and tap **Next**.
   - If your network requires SSL encryption, tap the **Accept all SSL certificates** field to place a check mark in the box and activate this additional level.

Important!: If your exchange server requires this feature, leaving this field unchecked can prevent connection.

6. If prompted with a connection error, manually enter your **Exchange server** information within the appropriate field.
   - **Exchange Server**: your exchange server remote email address. Typically starts with **mail.XXX.com**. Obtain this information from your company network administrator. Do not accept the default entry as this is a guess based on returned information.
7. With the new server information entered, tap **Next**.
8. Read the on-screen activation disclaimer and, if prompted, tap **OK**.
9. Adjust the various on-screen configuration fields and tap **Next**.
10. Identify your new account with a unique name and provide the outgoing name text then tap **Done**.

Opening an Exchange Email

1. From the Home screen, tap ➔ (**Email**).
2. Press and then tap **Accounts**.
3. Select an exchange email account and tap an email message.

Refreshing Exchange Email

1. From the Home screen, tap ➔ (**Email**).
2. Select an exchange email account.
3. Press and then tap **Refresh**.

Composing Exchange Email

1. From the Home screen, tap ➔ (**Email**).
2. Press and then tap **Accounts**.
3. Select an exchange email account.
4. Tap **Inbox** and press and then tap **Compose**.
5. Enter the message recipient's email address in the **To** field.
   - If you are sending the email message to several recipients, separate the email addresses with a comma. You can add as many message recipients as you want.
   - Use the **Cc** field to carbon copy additional recipients.
   - Use the **Bcc** field to blind copy additional recipients.
6. Tap the **Subject** field and enter the email subject.
7. Tap the email text field and compose your email message.
   - To add a picture attachment, tap **Attach** (from the bottom of the screen) and make a selection.
   - Tap the file you wish to attach.
   - If you want to cancel the message, tap **Discard**.
8. Once complete, tap **Send**.

Deleting an Exchange Email Message

▶ Touch and hold an email (from your inbox list) and select **Delete** from the on-screen context menu.

– or –

With the email message displayed, press and then tap **Delete**.

Configuring Microsoft Exchange Email Settings

1. Press ➔ and then tap ➔ **Accounts and sync.**
2. Tap within the Microsoft Exchange account field to reveal the account's synchronization settings screen.
3. Toggle either the **Sync Contacts** or **Sync Calendar** fields to force the device to manually resync either the exchange Contacts or Calendar entries.

   – or –

   Tap **Account settings** and specify any other email settings you wish to synchronize:

   - **Account name** displays the name used by the device to track the account.
   - **Your name** displays the name used in the From field within your outgoing email messages.
   - **Amount to synchronize** to assign the sync range for your incoming and outgoing email messages between your phone and your external exchange server. How many days worth of email messages should the phone and server synchronize. Choose from: **1 day**, **3 days**, **1 week**, **2 weeks**, or **1 month**.
   - **Default account** assigns this account as the default used when sending out new email messages.
   - **Out of office settings** assigns this account's out of office settings.
   - **Empty server trash**: allows you to delete your email account's trash bin remotely.
   - **Sync schedule** allows you to configure your email sync schedule.
   - **Email size** configures the incoming email size allowed to pass through to your phone automatically without user interaction. Larger emails will have to be retrieved manually.
   - **Email notifications** enables the phone to display a status bar icon when new email messages have been received.
   - **Select ringtone** assigns an audible ringtone when a new or upcoming event is pending.
   - **Vibrate** assigns a vibration when a new or upcoming event is pending.
   - **Exchange server settings** provides access to the Domain, password, and exchange server settings.

- **Sync Contacts** synchronizes the contacts between your phone and the remote exchange server.
- **Sync Calendar** synchronizes your exchange calendar entries between your phone and the remote exchange server.
- **Period to sync Calendar** assigns a period for your phone to sync calendar events.
- **Add signature** activates the email signature feature.
- **Signature** allows you to create an outgoing email signature attached to new email messages sent from your phone.

4. Press to return to the previous page.

Using Google Mail

Google Mail (Gmail) is Google's web-based email. When you first setup the phone, Gmail is configured. Depending on the synchronization settings, Gmail is automatically synchronized with your Gmail account.

Signing into Google Mail

1. From the Home screen, tap ➔ (**Gmail**).

Note: You must sign in to your Gmail account in order to access features such as Google Mail and Android Market.

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2. Tap **Next** to add a Google account.
3. Tap **Create** if you do not have a Google account.

   – or –

   Tap **Sign in** if you have a Google account.

   The Inbox loads conversations and email.

Opening Gmail

1. From the Home screen, tap ➔ (**Gmail**).
2. Tap an existing email message.

Refreshing Google Mail

- From within the Gmail message list, press and then tap **Refresh** to send and receive new emails and synchronize your email with the Gmail account.

Composing a Gmail Message

1. From the Home screen, tap ➔ (**Gmail**).
2. From the Gmail Inbox, press and then tap **Compose**.
3. Enter the recipients Email address in the **To** field.

Tip: Separate multiple recipient email addresses with a comma.

4. Press and select **Add Cc/Bcc** to add a carbon or blind copy.
5. Enter the subject of this message in the **Subject** field.
6. Tap the **Compose Mail** field and begin composing your message.
7. Once complete tap (**Send**).

Viewing a Gmail Message

1. From the Gmail Inbox, touch a message to view. The following options are available:
   - **Archive**: archives the selected Email.
   - **Delete**: deletes the Email.
   - **<:** displays older Emails.
   - **>:** displays newer Emails.
2. Press to select one of the following additional options:
   - **Change labels**: changes the label on the email or conversation.
   - **Mark unread**: unread messages or threads with unread messages display in boldface text in the Inbox.
   - **Go to inbox**: displays the Google Mail Inbox.
   - **Mute**: mutes the conversation.
   - **Add/Remove star**: click a message's star to add or remove the star (just like clicking flags in Outlook).
   - **More**:
     - **Report spam**: reports the Email message as spam.
     - **Settings**: allows you to configure the General, or Notification settings.
     - **Select text**: allows you to select text to copy and paste.
     - **Help**: launches the browser and displays Google Mobile Help information.

Google Talk

Google Talk™ is a free Windows and web-based application for instant messaging offered by Google. Conversation logs are automatically saved to a Chats area in your Gmail account. This allows you to search a chat log and store them in your Gmail accounts.

1. From the Home screen, tap → (**Talk**).
2. Tap **Next** to add a Google account.
3. Tap **Create** if you do not have a Google account.

   – or –

   Tap **Sign in** if you have a Google account. The Inbox loads conversations and email.

4. After entering your user name and password, tap the **Down** Navigation key.
5. Tap **Sign in**.
6. Begin using Google Talk.

Note: The Network confirms your login and processes. This could take up to 5 minutes to complete.

Section 8: Multimedia

This section explains how to use the multimedia features of your phone, including the Camera/Camcorder, Music Player, and how to manage your photos, images and sounds.

This section explains how to use the camera on your phone. You can take photographs and shoot video by using the built-in camera functionality. Your camera produces photos in JPEG format.

Important!: Do not take photos of people without their permission.
Do not take photos in places where cameras are not allowed.
Do not take photos in places where you may interfere with another person's privacy.

Using the Camera

Taking Photos

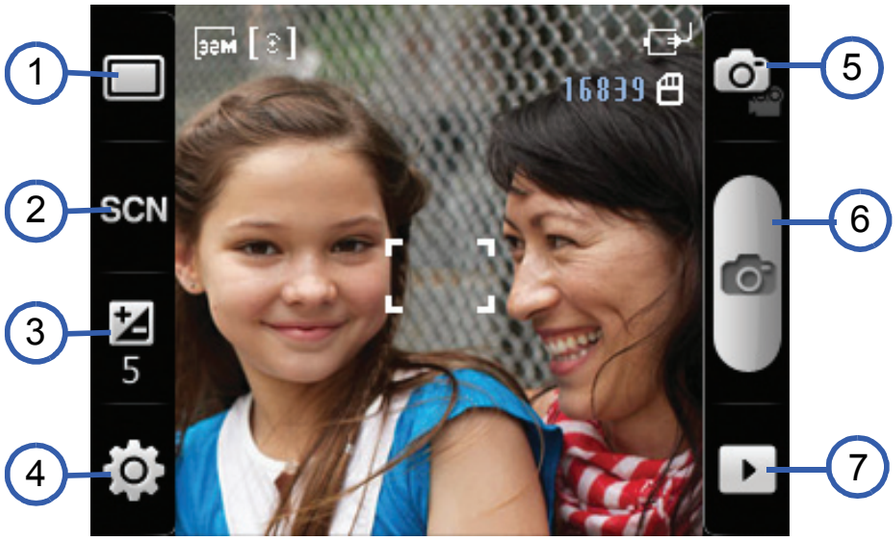
Taking pictures with your device's built-in camera is as simple as choosing a subject, pointing the camera, then pressing the camera key.

Note: When taking a photo in direct sunlight or in bright conditions, shadows may appear on the photo.

1. From the Home screen, tap (**Applications**) ➔ (**Camera**).
2. Using the phone's main display screen as a viewfinder, adjust the image by aiming the camera at the subject.
3. Before you take a picture, zoom in or out by using either:
   - The Up and Down Volume keys.

   You can magnify the picture up to x3 (300 percent).
4. If desired, before taking the photo, tap (**Settings**) to access various camera options and settings.
5. Press the on-screen Camera button until the shutter sounds. For more information, refer to *"Camera and Camcorder Options"* on page 94.

Note: An SD card must be present and mounted properly before you can take any photos or shoot any videos.



Camera and Camcorder Options

You can change options using your keypad in capture mode.

Camera Options

The following short cuts are available for the camera:

Note: The options disappear after a few seconds. Touch the screen to display the tab, then touch the tab to view these options.

---

1. **Shooting mode**: allows you to set the following options:
   - **Single shot**: takes a single photo and view it before returning to the shooting mode.
   - **Smile shot**: the camera focuses on the face of your subject. Once the camera detects the person's smile, it takes the picture.
   - **Continuous**: takes a succession of consecutive photos by pressing and holding the Camera key.
   - **Panorama**: takes a landscape photo by taking an initial photo and then adding additional images to itself. The guide box lets you view the area where the second part of the panoramic picture should fall within.
   - **Add me**: combines people with existing background. Touch the screen to pick which side of the screen to focus on. Press the camera key. Focus on a background and press the camera key a second time.
2. **Scene mode**: selects a camera setting for better image capture under different lighting environments. Choose from: None (default), Landscape, Night,

Sports, Party/Indoor, Beach/Snow, Sunset, Dawn, Fall color, Firework, Candlelight and Backlight.

3. **Brightness**: sets the total amount of light allowed to fall on the subject through the lens sensor while taking a picture.Touch and drag the slider to the left (to decrease the value), to the right (to increase the value). You can also touch the Minus icon (to decrease the value) or the Plus icon (to increase the value).
4. **Settings**: displays two types of settings, Camera (first tab) and General settings (second tab).

Camera settings:

- **Timer**: allows you to set a time delay before the camera takes the photo. Select the length of delay you want and touch the Off, 2 sec, 5 sec, and 10 sec. When you press the Camera key, the camera takes the photo after the specified time elapses.
- **Resolution**: sets the photo resolution to: 2048x1536, 1600x1200, 12800x960, or 320x240.
- **White balance**: allows you to set this option from the following choices: Auto, Daylight, Cloudy, Incandescent, or Fluorescent.
- **Effects**: allows you to change the color tone or apply special effects to the photo. Options include: Normal, Black and White, Negative, or Sepia.
- **Metering**: allows you to set how the camera measures or meters the light source: Center-weighted, Spot, or Matrix.
- **Image quality**: sets the photo quality (compression) to: Superfine, Fine, or Normal.
- **Adjust**: enhances additional camera settings such as Contrast, Saturation, and Sharpness. Move the corresponding slider to adjust the value.

General settings:

- **Guidelines**: displays alignment or framing guidelines to perfectly set up each shot.
- **Review**: displays the photo for review. Selections are: Off, 2 sec, or On.
- **GPS**: records GPS information onto the image file.
- **Shutter sound**: allows you to select a tone to play when the camera's shutter opens and closes. Sound selections are Sound 1, Sound 2, Sound 3, or Off.
- **Reset**: resets the camera settings to the default settings.

5. **Camera / Camcorder Mode**: allows you to take a photo in various modes. Once you change the mode, the corresponding indicator appears at the top left of the display. Choose from Camera or Camcorder.
6. **Camera button**: takes a photo when pressed in Camera mode.
7. **Quick view**: displays the photo for quick viewing.

Camcorder Options

You can change options using your keypad in capture mode. The following short cuts are available:

1. **Recording mode**: Normal or Limit for MMS.
2. **Brightness**: sets the total amount of light allowed to fall on the subject through the lens sensor while recording a video. Touch and drag the slider to the left to decrease the value, or to the right to increase the value. Or touch the Minus icon to decrease the value, or the Plus icon to increase the value.
3. **Settings**: displays two types of settings, Camcorder (first tab) and General settings (second tab).

Camcorder settings:

- **Timer**: allows you to set a time delay before the camcorder records the video. Select the length of delay you want and touch the Off, 2 sec, 5 sec, and 10 sec. When you press the Camera key, the camcorder records the video after the specified time elapses.
- **Resolution**: sets the video resolution to: 320x240 or 176x144.
- **White balance**: allows you to set this option from the following choices: Auto, Daylight, Cloudy, Incandescent, or Fluorescent.
- **Effects**: allows you to change the color tone or apply special effects to the photo. Options include: Normal, Black and White, Negative, or Sepia.
- **Video quality**: allows you to set the video quality to: Superfine, Fine, or Normal.
- **Adjust**: allows you to adjust the Contrast, Saturation and Sharpness for this video.

General settings:

- **Guidelines**: displays alignment or framing guidelines to perfectly set up each recording.
- **Audio recording**: activates audio recording feature so you can record audio while recording the video.
- **Review**: set to **On** to review the recorded video.
- **Reset**: resets the camcorder settings to the default settings.

4. **Camcorder / Camera Mode**: allows you to record a video various modes. Once you change the mode, the corresponding indicator appears at the top left of the display. Choose from Camcorder or Camera.
5. **Camcorder button**: records a video when pressed in Camcorder mode.
6. **Quick view**: displays the video for quick viewing.

Pictures and Videos Image Viewer Options

After you take a photo or record a video, you can access various options.

Photo options

- **Share**: allows you to share a picture using Bluetooth, Messaging, Picasa, Gmail, or Email.
- **Set as**: sets the photo as a Contact icon, Home screen Wallpaper, or Lock screen Wallpaper.
- **Delete**: deletes the current photo.

Video options

- **Share**: allows you to share a video using Messaging, YouTube, Bluetooth, Email, or Gmail.
- **Play**: plays the current video.
- **Delete**: deletes the current video.

Camera Gallery Options

The Gallery is where you can access the Gallery of stored camera images.

1. From the Home screen, tap (**Applications**) ➔ (**Gallery**).
2. Select a folder location (ex: **Camera**) and select an image by tapping it once to place a green check mark on the file.
3. Press from this main Gallery screen to reveal gallery-specific options **Share**, **Delete**, and **More**.

Camera Image Options

When you take a picture, the file is saved in the Photo folder. You can view your pictures immediately or view them anytime in the Photo folder.

1. From the Home screen, tap (**Applications**) ➔ (**Gallery**).
2. Select a folder location and tap a file to open it in the Image viewer. Touch and drag a picture to the left to see the next picture or to the right to see the previous picture.
3. Tap **Slideshow** to initiate an on-screen slideshow displaying every image in the current folder.

   – or –

   Tap **Menu** to display the following image menu options:

   - **Share**: allows you to share a picture using Bluetooth, Messaging, Picasa, Gmail, or Email.
   - **Delete**: allows you to delete the current image.
   - **More**: provides you with the additional options such as:
     - **Details**: files details such as Title, Type, Date taken, Album, Location, Latitude, Longitude, etc..

– **Set as**: allows you to assign a picture to one of three location: Home screen Wallpaper, Lock screen Wallpaper, or to a Contact's icon image.
– **Crop**: provides an on-screen box that allows you to crop the current picture. Tap **Save** to update the image with the new dimensions or **Discard** to ignore any changes.
– **Rotate left**: allows you to rotate the view of the current image in a counterclockwise direction.
– **Rotate right**: allows you to rotate the view of the current image in a clockwise direction.

Assigning an Image as a Contact Icon

1. From the Home screen, tap (**Applications**) ➔ (**Gallery**).
2. Select a folder location and tap a file to open it in the Image viewer.
3. With the image displayed, tap **Menu** ➔ **More** ➔ **Set as** ➔ **Contact icon**.
4. Tap a contact to make a selection.
5. Crop the image and tap **Save**.

Assigning an Image as a Wallpaper

1. From the Home screen, tap (**Applications**) ➔ (**Gallery**).
2. Select a folder location and tap a file to open it in the Image viewer.
3. With the image displayed, tap **Menu** ➔ **More** ➔ **Set as.**
4. Select one of the two options:
   - **Contact icon** assigns the selected image as the displayed image for a selected Contact.
   - **Home screen Wallpaper** assigns the current image to the home screen background. This image is spread across all available screens.
   - **Lock screen Wallpaper** assigns the selected image to the background for the lock screen.
5. Touch and drag the crop box anywhere on the picture. Touch and drag the sides of the crop box to zoom in or out to create a cropped area.
6. Tap **Save** to assign the wallpaper image.

   – or –

   Tap **Cancel** to stop without updating the wallpaper image.

Using the Camcorder

In addition to taking photos, the camera also doubles as a camcorder that also allows you to record, view, and send videos.

Note: To ensure the Camcorder can record the video, use an SDHC memory card.

Shooting Video

Tip: When shooting video in direct sunlight or in bright conditions, it is recommended that you provide your subject with sufficient light by having the light source behind you.

1. From the Home screen, tap (**Applications**) ➔ (**Camera**) to activate the camera mode.
2. Tap the camera icon from the upper-right of the screen to toggle to the camcorder mode.

Note: To return to the camera mode tap the camcorder icon from the upper-right of the screen.

3. Using the phone's main display screen as a viewfinder, adjust the image by aiming the camcorder at the subject.
4. Press the record video key ( ) to begin shooting video.
5. Touch to pause the recording or touch to stop the recording and save the video file to your Photo folder.
6. Once the file is saved, tap **Play** to play your video for review.
7. Press to return to the viewer.

Camcorder Options

Camcorder options are represented by icons across both sides of the screen.

For more information, refer to *"Camera and Camcorder Options"* on page 94.

Accessing Videos

When you shoot a video, the file is saved in the Camera folder. You can view your videos immediately or view them anytime in the Camera folder.

1. From the Home screen, tap (**Applications**) ➔ (**Gallery**).
2. Select a folder location and tap a video icon to begin video playback.

   – or –

   Touch and hold the video icon from the main Gallery to select the video (green check mark) and display the following video menu context options:

   - **Share**: allows you to share a video using Messaging, YouTube, Bluetooth, Email, or Gmail.
   - **Delete**: allows you to delete chosen/selected pictures. Touch the checkmark, to turn it green, next to any file or folder you want to delete, then touch Delete.
   - **More**: provides you with the additional options, such as **Details**.

My files

My files allows you to manage your sounds, images, videos, bluetooth files, Android files, and other memory card data in one convenient location. This application allows you to launch a file if the associated application is already on your phone (ex: MP4).

▶ From the Home screen, tap (**Applications**) ➔ (**My files**).

Note: Navigation in this viewer works on a hierarchy structure with folders, subfolders, etc.

Opening and Navigating within My files

DCIM is the default location for pictures or video taken by the device. These files are actually stored in the DCIM folder location.

1. From the Home screen, tap (**Applications**) ➔ (**My files**).
2. Tap a folder and scroll down or up until you locate your selected file.
   - **Up tab** allows you to back up into a higher directory.
   - **Home tab** allows you to back up to the root directory.
   - Press and then tap **View by** to change the way the files are displayed on-screen. Choose from: **List**, **List and details**, or **Thumbnail**.

- Press for these additional options: **Share**, **Create folder**, **Delete**, **View by**, **List by**, and **More** (Move, Copy, Rename, Bluetooth visibility and Settings).

3. Once you have located your file, tap the file name to launch the associated application.

The Gallery

The Gallery is where you view photos and play back videos. For photos, you can also perform basic editing tasks, view a slideshow, set photos as wallpaper or caller image, and share as a picture message.

Note: If the phone displays a memory full message when accessing the Gallery, access **Files** and remove some of the media files from the folders, and then open the Gallery.

Opening the Gallery

▶ From the Home screen, tap (**Applications**) ➔ (**Gallery**). For more information, refer to *"Camera Gallery Options"* on page 98.

Note: If you stored your files in folders (directories) on the storage card, Gallery displays these folders as separate albums. The top left album contains all the pictures in the storage card.

Music Player

Playing Music

1. From the Home screen, tap (**Applications**) ➔ (**Music**). Music player tips display.
2. Touch a tab to select the music category: **Artists**, **Albums**, **Songs**, or **Playlists**.
3. Scroll through the list and tap an entry to begin playback.
4. The following Music Player controls are available:

	Pause the song.
	Start the song after pausing.
	Press and hold to rewind the song. Tap to go to previous song.
	Press and hold to fast-forward the song. Tap to go to next song.
	Plays the entire song list once.
	shuffles the current list of songs randomly.
	songs play in order and are not shuffled.
	Plays the entire song list once.

Repeats the currently playing song.

Replays the current list when the list ends.

Making a Song a Phone Ringtone

1. From the Home screen, tap (**Applications**) ➔ (**Music**).
2. Tap the **Songs** tab.
3. Touch and hold a song from the list to reveal the on-screen context menu.
4. Tap **Set as phone ringtone.**

Music Player Options

The Music Player Settings menu allows you to set preferences for the music player such as whether you want the music to play in the background, sound effects, and how the music menu displays.

▶ With the music player application displayed and a song active, press and select one of the following options:

- **Library**: view your current audio library.
- **Party shuffle on/off**: activates/deactivates this song shuffle function.
- **Add to playlist**: adds the selected music file to a quick playlist.
- **Settings**: allows you to activate or deactivate the 5.1 channel mode and select an available music equalizer configuration such as: Normal, Rock, Jazz, Classic, Dance, Pop, Live, Concert hall, Wide, Music clarity, Bass enhancement, or Externalization.
- **Set as ringtone**: sets the current song as your phone ringtone.
- **Delete**: permanently deletes the current song from the SD card.

Using Playlists

Playlists are used to assign music files into groups for playback. These Playlists can be created using the Music player on this device, or using a third-party application (such as Windows Media Player) and downloading those files to an SD card inserted into the device.

Creating a Playlist

1. From the Home screen, tap (**Applications**) ➔ (**Music**).
2. Tap a song and begin playback.
3. Press ➔ **Add to playlist** ➔ **New**.
4. Backspace over the default playlist title and type a new name for this playlist, then tap **Save**.

Adding Music to a Playlist

1. From the Home screen, tap (**Applications**) ➔ (**Music**).
2. Tap the **Artists** or **Songs** tab.

3. Touch and hold a song title and select **Add to playlist** ➔ **New** or **Add to playlist** ➔ **Current playlist**.

Note: If a playlist is empty, add a song by touching a holding a song name from the main screen to open the context menu. Select **Add to playlist**.

Removing Music from a Playlist

1. From the Home screen, tap (**Applications**) ➔ (**Music**).
2. Tap the **Playlists** tab.
3. Tap the playlist name in which to delete music.
4. Touch and hold a song to reveal the on-screen context menu.
5. Tap **Remove from playlist.**

Editing a Playlist

Besides adding and removing music files in a playlist, you can also share, delete, or rename the playlist.

Only those playlist you have created can be edited. Default playlists can not be renamed.

1. From the Home screen, tap (**Applications**) ➔ (**Music**).
2. Tap the **Playlists** tab.
3. Touch and hold a playlist entry to reveal the on-screen context menu.
4. Tap **Rename**.
5. Enter a new name for this playlist and tap **Save**.

Transferring Music Files

Music files can be downloaded to the phone using one of two methods:

1. Downloaded to the phone from or Android Market.
   Music files are directly stored on your phone.
2. Downloaded to the phone via a direct USB connection.
   Music files are stored into a Music folder on the SD card.

Removing Music Files

1. From the Home screen, tap (**Applications**) ➔ (**Music**).
2. Tap the **Songs** tab.
3. Touch and hold a song entry to reveal the on-screen context menu.
4. Tap **Delete** ➔ **OK.** The music file(s) is deleted.

YouTube

YouTube is a video sharing website on which users can upload and share videos, and view them in MPEG-4 format.

1. From the Home screen, tap (**Applications**) ➔ (**YouTube**).
2. Tap **Accept** if you accept the Terms and Conditions, or touch **Exit**.
3. When the screen loads you can begin searching and viewing posted videos.
4. Press ➔ **Settings** ➔ **High quality on mobile** if you prefer high quality output.

Section 9: Applications and Development

This section outlines the various applications that are available on your phone.

Applications

The Applications list provides quick access to all the available applications on the phone.

Refer to the application table on page 30 for a description of each Application, its function, and how to navigate through that particular application. If the application is already described in another section of this user manual, then a cross reference to that particular section is provided.

Accounts and sync

This application allows you to configure general synchronization settings that determine whether the background data is synchronized, and whether you automatically synchronize data with the phone.

- From the Home screen, tap (**Applications**) ➔ **Settings** ➔ **Accounts and sync**.

For more information, refer to *"Accounts and Synchronization"* on page 153.

Calculator

Using this feature you can use the phone as a calculator. The calculator provides the basic arithmetic functions; addition, subtraction, multiplication, and division. You can also use this as a scientific calculator.

1. From the Home screen, tap (**Applications**) ➔ (**Calculator**).
2. Enter the first number using the numeric keys.
3. Enter the operation for your calculation by touching the **Plus, Minus, Multiplication,** or **Division** key.
4. Enter the next number.
5. To view the result, tap the = **(equals)** key.
6. Repeat steps 1 to 4 as many times as required.
7. Press and tap **Advanced panel** to reveal additional scientific functions.

Calendar

With the Calendar feature, you can consult the calendar by day, week, or month, create events, and set an alarm to act as a reminder. Google Calendar is built into the

phone and synchronizes both new and existing entries between your phone and your online Google account.

Important!: You must have previously added an account (Facebook, Microsoft Exchange ActiveSync, or Google) prior to using the Calendar.

1. From the Home screen, tap (**Applications**) ➔ (**Calendar**). The Calendar displays four tabs:
2. Press and select one of the following options:
   - **Day**: displays the Day view.
   - **Week**: displays the Week view.
   - **Month**: displays the Month view (default view).
   - **Agenda**: allows you to search for events for the selected Month, Week, or Day. Or you can look for events for a future date.
   - **Today**: displays the date highlighted with a Blue box highlighting the date.
   - **More**: allows you to select additional options such as: Create, Go to, Calendars, and Settings.
     - **Create**: creates a new Event.
     - **Go to**: displays a specific date.
     - **Calendars**: accesses the My calenders feature.
     - **Settings**: displays a list of configurable settings.

For more information, refer to *"Synchronizing Contacts"* on page 73.

To manually sync calendar events:

1. Press ➔ and then tap ➔ **Accounts and sync**.
2. Locate the email account containing the events you wish to synchronize.
3. Tap within the adjacent account field to reveal the account's synchronization settings screen.
4. Tap **Sync Calendar** to activate the synchronization of calendar events between your device and the remote exchange server. A green checkmark indicates the feature is enabled.

Camera

Use your 3.0 megapixel camera feature to produce photos in a JPEG format.

Note: An SD card must be inserted before the Camera will take and store photos.

- From the Home screen, tap (**Applications**) ➔ (**Camera**).

For more information, refer to *"Using the Camera"* on page 93.

Clock

Here you can set an alarm, launch a slideshow, access the music player, or return Home. For more information, refer to *"Clock"* on page 136.

- From the Home screen, tap (**Applications**) ➔ (**Clock**).

Contacts

The default storage location for saving phone numbers to your Contacts List is your phone's built-in memory.

For more information, refer to *"Contacts List"* on page 63.

Email

Email enables you to review and create email using most email services. The phone alerts you when you receive an email.

For more information, refer to *"Email"* on page 84.

Gallery

The Gallery is where you view photos and play back videos. For photos, you can also perform basic editing tasks, view a slideshow, set photos as wallpaper or caller image, and share as a picture message.

- From the Home screen, tap (**Applications**) ➔ (**Gallery**).

For more information, refer to *"The Gallery"* on page 102.

Google Mail

Google Mail (Gmail) is a web-based email service. Gmail is configured when you first set up your phone. Depending on your synchronization settings, Gmail can automatically synchronize with your Gmail account on the web.

For more information, refer to *"Using Google Mail"* on page 90.

Google Search

Google Search is a web-based search engine that uses text-based queries to search for content on web pages.

- From the Home screen, tap (**Applications**) ➔ (**Google Search**) and enter the search text.

  – or –

  Touch the microphone on the Google Search bar and say the search information. For more information, refer to *"Search Key"* on page 24. For more information, refer to *"Using Google Search"* on page 24.

Latitude

Google Latitude allows you and your friends share locations and status messages with each other. It also lets you send instant

messages and emails, make phone calls, and get directions to your friends' locations.

Important!: You must sign in to your Google account, enable Wi-Fi, and enable the Location feature before you can use this application. For more information, refer to *"Wi-Fi settings"* on page 138.

1. From the Home screen, tap (**Applications**) ➔ (**Latitude**).
2. If desired, tap **Join Latitude** to Join Latitude where you can share your current location with your Google friends and contacts.
3. If currently disabled, tap **Wi-Fi Disabled** to begin the process of turning on Wi-Fi.
4. Press and tap **Settings**. From here you can configure your location reporting. Choose from one of the following:
   - **Detect your location** to use your GPS to detect your current location and update that onto your map.
   - **Set your location** to manually set a location for yourself on the map. This does not have to be your actual location.
   - **Do not detect your location** so friends can not see your current location and then select from the following options: **Enable location history**, **Enable automatic check-ins**, **Enable check-in notifications**, **Manage your places**, or **Sign out of Latitude**.
5. From within the Suggested Friends page, press and then tap an available application option such as: **Refresh friends**, **See map**, **Add friends**, or **Settings**.
6. From the main application page, press and then tap an available application option such as: **Search**, **Directions**, **Layers**, **My location**, **Join Latitude**, or **More** (Clear map, Starred places, Labs, Cache settings, Help, Terms, Privacy & Notices, and About).

Maps

Google Maps allow you to track your current location, view real-time traffic issues, and view detailed destination directions. There is also a search tool included to help you locate places of interest or a specific address. You can view locations on a vector or aerial map, or you can view locations at the street level.

Important!: Before using Google Maps you must have an active data (3G) or Wi-Fi connection. The Maps application does not cover every country or city.

▶ From the Home screen, tap

(**Applications**) ➔ (**Maps**).

Enabling a Location source

Before you use Google Maps and find your location or search for places of interest, you must enable a location source. To enable the location source you must enable the wireless network, or enable the GPS satellites.

Important!: The more location determining functions are enabled, the more accurate the determination will be of your position.

---

1. Press ➔ and then tap (**Settings**) ➔ **Location and security**.
2. Tap **Use wireless networks** to enable GPS to determine location based on nearby cell towers.
3. Tap **Use GPS satellites** to enable the GPS satellite.

Tip: When using Google Maps you can turn on Enable GPS satellites. Selecting GPS satellites allows you to locate places of interest at the street-level. However, this also requires a clear view of the sky and uses more battery power.

Opening Maps

1. From the Home screen, tap (**Applications**) ➔ (**Maps**).
2. Press to use the following options:
   - **Search**: allows you to search for a place of interest.
   - **Directions**: provides access to the places menu where you can quickly locate a business or person, find out more information about a business, see coupons, public responses, and more (page 116). Locate and tap one of the listed places (Restaurants, Coffee, Bars, Hotels, Attractions, ATMs, Gas Stations, or Add your own place.)
     A list of places within this category displays.
   - **Layers**: allows you to switch map views.
     - **Traffic**: (available only in selected areas) Real-time traffic conditions are displayed over roads as color-coded lines. Each color represents how fast the traffic is moving.
     - **Satellite**: Maps uses the same satellite data as Google Earth. Satellite images are not real-time. Google Earth acquires the best imagery available, most of which is approximately one to three years old.
     - **Terrain**: combines a topographical view of the area's terrain with the current map location.
     - **Transit lines**: displays icons indicating transit stops.
     - **Latitude**: allows you to see your friend's locations and share your location with them.
     - **My maps**: allows you to use custom maps that you have created in Google Maps and imported from your PC.

– **Wikipedia**: allows you to access details from Wikipedia about places indicated by the icon.

– **Clear Map**: clears the current map selection.

- **My Location**: displays your present location.
- **Latitude**: allows you to see your friend's locations and share your location with them.
- **More** to choose one of the following options:
  – **Clear Map**: after viewing or following directions, this option resets the map.
  – **Starred Places**: marks favorite locations on the map. These items are automatically synchronized with maps.
  – **Labs**: a testing ground for experimental features that are not ready to use publically.
  – **Cache Settings**: allows to cache the map settings.
  – **Sign in**: to add an account.
  – **Help**: uses the browser to display a searchable Google Mobile Help screen.
  – **Terms, Privacy & Notices**: displays the Terms and Conditions, Privacy Policy, or Legal Notices information. Select the desired information from the pop-up menu.
  – **About**: displays general information about Google maps such as Version, Platform, Locale, Total data sent, Total data received, Free memory, etc.

Market

Android Market provides access to downloadable applications and games to install on your phone. Android Market also allows you to provide feedback and comments about an application, or flag an application that might be incompatible with your phone.

Accessing the Market

1. From the Home screen, tap (**Applications**) ➔ (**Market**).
2. If not already logged in with your Google account, tap **Next**.
3. Tap **Sign in** and enter your Google account information.
4. Tap **Accept** to agree to the Android Market terms of service.

For more information, refer to *"Downloading a New Google Application"* on page 111.

Downloading a New Google Application

To download a new application, you will need to use your Google account to sign in to Android Market. The Android Market home page provides several ways to find applications. The home page features applications and includes a list of item applications by category, a list of games, a link to search, and a link to My downloads.

1. From the Home screen, tap (**Applications**) ➔ (**Market**).

2. Browse through the categories, find an application you're interested in, and tap the name.
3. Read the application descriptions.

Important!: If the selected application requires access to data or control of a function on your phone, Market displays the information the application will access. Tap **OK** if you agree to the conditions of the application. Once you tap **OK** on this screen you are responsible for using this application on the phone and the amount of data it uses. Use this feature with caution.

4. Tap **Install**.

Note: Use caution with applications which request access to any personal data, functions, or significant amounts of data usage times.

5. If prompted, follow the on-screen instructions to pay for the application.
6. Check the progress of the current download by opening the Notifications panel.
7. After the item is downloaded and installed on your phone, the content download icon appears in the notification area of the status bar.
8. On the Android Market screen, tap **My apps**, tap the installed application in the list, and then tap **Open**.

Tip: The newly downloaded application displays on the Home screen or other selected panel.

Note: A data plan is required to use this feature. Charges may apply. Please contact your service provider for further details.

Launching an Installed Google Application

1. From the Home screen, tap (**Applications**).
2. Tap the newly installed application. This application is typically located on the last Applications page.

Android Development

This device can be used for Android application development. You can write applications in the SDK and install them on this device, then run the applications using the hardware, system, and network.

Warning!: Android Dev Phones are not intended for non-developer end-users. Because the device can be configured with system software not provided by or supported by Google or any other company, end-users operate these devices at their own risk.

Unknown sources

This feature can be used for Android application development. The feature allows developers to install non-Market applications.

1. Press ➔ and then tap (**Settings**) ➔ **Applications** ➔ **Unknown sources**.

   Unknown sources displays a check mark to indicate it is active.

Manage applications

This feature allows you to manage and remove installed applications. You can also view the amount of memory or resources used as well as the remaining memory and resources for each of the applications on your phone and clear the data, cache, or defaults.

- ▶ Press ➔ and then tap (**Settings**) ➔ **Applications** ➔ **Manage application**.

Clearing application cache and data

1. Press ➔ and then tap (**Settings**) ➔ **Applications** ➔ **Manage applications**.
2. Tap an application in which to clear the cache or data.
3. Tap **Force stop**, **Uninstall updates**,**Clear data**, **Move to sd card**,**Clear cache**, or **Clear defaults**.

Uninstalling third-party applications

You can uninstall any application you downloaded and installed from Android Market.

1. Press ➔ and then tap (**Settings**) ➔ **Applications** ➔ **Manage applications**.
2. Tap the third-party application, and from the **Application info** screen, tap **Uninstall**.

Memo

This feature allows you to create a memo.

1. From the Home screen, tap (**Applications**) ➔ (**Memo**).
2. Tap **Create memo**.

   – or –

   Press and then tap **Create**.
3. Compose the memo and touch **Save**.

- Before you save your new memo, you can also press and adjust the memo's background color.

For more information, refer to *"Text Input Methods"* on page 54.

Memo options

1. While viewing the list of Memos, press and select one of the following options:
   - **Create**: allows you to create a memo.
   - **Maximize**: remove the bent, lower-right corner of the memo page and to maximize the information display.
   - **Delete**: allows you to delete one or more memos.
   - **Search**: allows you to search within the current set of memos.
2. Touch and hold the memo then select **Send via** and choose the method to send this memo: **Bluetooth**, **Email**, or **Messaging**.
3. From the memo list, touch the upper-left edit button and select a color for the memo's background, then tap **Save**.

Messaging

This application allows you to use the Short Message Service (SMS) to send and receive short text messages to and from other mobile phones.

You can also use the Multi Media Service (MMS) to create multimedia messages to send and receive from other mobile phones.

▶ From the Home screen, tap (**Messaging**).

For more information, refer to *"Messages"* on page 79.

Music

Music Player allows you to play music files that you have stored on your microSD card. You can also create playlists.

▶ From the Home screen, tap (**Applications**) ➔ (**Music**).

For more information, refer to *"Music Player"* on page 102.

My files

Organize and store data, images, and more in your own personal file folders. Files are stored to the memory card in separate (user defined) folders.

▶ From the Home screen, tap (**Applications**) ➔ (**My files**).

For more information, refer to *"My files"* on page 101.

Navigation

Google Maps Navigation (Beta) is an internet-connected turn-by-turn, GPS navigation system with voice guidance.

Caution!: Traffic data is not real-time and directions may be wrong, dangerous, prohibited, or involve ferries.

Important!: To receive better GPS signals, avoid using your device in the following conditions:
- inside a building or between buildings
- in a tunnel or underground passage
- in poor weather
- around high-voltage or electromagnetic fields
- in a vehicle with tinted windows

▶ From the Home screen, tap (**Applications**) ➔ (**Navigation**).

Enabling GPS Location

1. Press ➔ and then tap (**Settings**) ➔ **Location and security**
2. Tap **Use GPS satellites.** A green check mark indicates the GPS location feature is enabled.

Navigation options

1. From the Home screen, tap ➔ (**Navigation**). The navigation application can be configured from the main screen.
2. Read the on-screen disclaimer and tap **Accept**.
3. Choose from the following on-screen options:
   - **Driving/Walking**: configures the method of travel. Selection of Walking would negate the need to track traffic jams and obstructions.
     – Driving mode enables the **Settings** feature: allows you to configure your Route options such as: **Avoid highways** or **Avoid tolls**.
   - **Map**: enables the on-screen real-time map functionality.
   - **Speak Destination**: allows you to use the voice recognition feature to search for matching locations in your area.
   - **Type Destination**: allows you to manually enter a destination address (via the on-screen keypad).
   - **Contacts**: allows you to receive turn-by-turn directions to the address stored for a selected Contacts entry.
   - **Starred Places**: allows you to obtain directions to locations that have been starred within Google maps (maps.google.com).

Navigation Map options

Once on the map screen, you can access the following features:

- **Destination**: returns you to the previous Navigation options screen.
- **Search by voice**: Speak your destination instead of typing (English only).
- **Layers**: allows you to switch map views:

- **Traffic view**: (available only in selected areas) Real-time traffic conditions are displayed over roads as color-coded lines. Each color represents how fast the traffic is moving.
- **Satellite**: Maps uses the same satellite data as Google Earth. Satellite images are not real-time. Google Earth acquires the best imagery available, most of which is approximately one to three years old.
- **Parking**: displays parking information relative to your current location.
- **Gas Stations**: displays gas station location relative to your current location.
- **ATMs & Banks**: displays ATM and Bank locations relative to your current location.
- **Restaurants**: displays restaurant and eatery locations relative to your current location.

To access additional options:

1. Press .
2. Tap an available option:
   - **Mute**: allows you to mute the audio readout and directional information.
   - **Set Destination**: returns you to the navigation options screen where you can access a destination by either Speaking, Typing, or selecting from a Contacts entry or Starred Place.
   - **Exit Navigation**: terminates the application.
   - **More**: provides additional application information such as Help and Term, Privacy & Notices.

Caution!: Navigation is a beta product. Use caution.

News and Weather

1. From the Home screen, tap (**Applications**) ➔ (**News and Weather**).
2. Select from any of the available tabs: **Weather**, **Top Stories**, **Canada, Sports**, and **Entertainment**.

To access the settings:

1. Press and then tap **Settings**.
2. Tap an available option: **Weather settings**, **News settings**, **Refresh settings**, and **Application version**.

Places

Google Places displays company logos on a layer of Google Maps. When viewing an area you can quickly locate a business or person, find out more information about the business, see coupons, public responses, and more.

1. From the Home screen, tap (**Applications**) ➔ (**Places**).

2. Use the **Find places** field to manually enter a desired place or choose from among the various categories. Matches are filtered by those closest to your current location.
3. Locate and tap one of the listed places (Restaurants, Coffee, Bars, Explore Nearby, Attractions, ATMs, Gas Stations, or Add your own place.) A list of places within this category displays.
4. Touch the Maps icon (upper-right) to launch the related maps feature.
5. Press and then tap **Latitude**. The functions of this application are similar to those of the Navigation application, but work along with the Latitude service where you can share your location with your chosen Google friends.

Samsung Apps

Samsung Apps allows you to simply and easily download an abundance of applications directly to your phone. Featuring a wealth of games, news, references, social networking, navigation, health related applications, etc. Samsung Apps gives you instant access to a huge choice of mobile experience.

Your phone gets smart with fully optimised applications from Samsung Apps. Explore amazing applications and make your mobile life even better.

1. From the Home screen, tap (**Applications**) ➔ **Samsung Apps**.
2. Search for and download applications as required.

Note: This feature might not be available depending on your region and service provider. For details, please visit www.samsungapps.com.

Settings

This icon navigates to the sound and phone settings for your phone. It includes such settings as: display, security, memory, and any extra settings associated with your phone.

- From the Home screen, tap (**Applications**) ➔ (**Settings**).

  – or –

  Press ➔ and then tap (**Settings**).

For more information, refer to *"Changing Your Settings"* on page 138.

Talk

You can instant message with Google Talk. Google Talk allows you to communicate with

other people who are also connected with Google Talk on the phone or on the web.

▶ From the Home screen, tap (**Applications**) ➔ (**Talk**).

For more information, refer to *"Google Talk"* on page 91.

Task Manager

Sometimes your phone might seem to slow down over time, and the biggest reason for this are background applications. These are applications that were not properly closed or shutdown and are still active but minimized. The Task Manager not only lets you see which of these applications are still active in the background but also easily lets you choose which applications are left running and which are closed.

Shutting Down Applications

1. From the Home screen, tap (**Applications**) ➔ (**Task Manager**).

   – or –

   Press and hold then tap **Task manager**. This screen contains the following tabs:

   - **Active applications** display those currently active applications running on your phone.
   - **Package** displays any installed packages or applications from the Market that are taking up memory space. Tap **Uninstall** to remove them from your phone.
   - **RAM**, displays the amount of current RAM (Random Access Memory) currently being used and allows you to **Clear memory**.
   - **Summary** displays a visual graph indicating the available and used space within the internal **Storage** location and **External SD card.**
   - **Help** provides additional battery saving techniques.

2. From the **Active applications** tab, tap **End** to close selected applications or tap **End all** to close all background running applications.

ThinkFree Office

ThinkFree Office Mobile for Android is a Microsoft Office compatible office suite. This application provides a central place for managing your documents online or offline.

The application can also open Adobe PDF (Portable Document Format) files.

1. From the Home screen, tap (**Applications**) ➔ (**ThinkFree Office**).
2. Read the End User License Agreement, then tap **Accept** if you agree with the terms of use.

3. On its initial launch, tap **Activate now**.Three tabs display:
   - **Home**: displays the introduction to ThinkFree Office and lists a short description of each of the tabs and what type of information they provide.
   - **My Docs**: This is where you keep your documents on this device. You can manage documents, or send them to others, and upload the documents to ThinkFree Online.
   - **Online**: This provides your thinkfree.com online storage information. You can also share your documents to others without using email attachments.

Voice Recorder

The Voice Recorder allows you to record an audio file up to one minute long and then immediately send it as a message.

1. From the Home screen, tap (**Applications**) ➔ (**Voice recorder**).
2. Tap the Record icon to record an audio file.
3. Tap **Stop** to stop recording. The file automatically saves to the Voice list.
4. Press and then tap **Share** and select a method in which to share this audio file. Selections are: **Bluetooth**, **Email**, **Gmail**, or **Messaging**. Refer to each specific section, depending on the method you selected to send this voice recording.

Voice Search

The Voice Search feature is a voice-activated application that allows you to tell the phone what to search for and then the phone activates a Google search based on what you said.

For more information, refer to *"Using Additional Voice Search Functions"* on page 25.

1. From the Home screen, tap (**Applications**) ➔ (**Voice Search**).
2. Select **Agree** if you want Google to use location for improved search results and other services, or **Disagree** to decline.
3. At the **Speak now** screen speak your search command slowly and clearly. Google searches for the information and displays related information in the browser.

Web

Open the browser to start surfing the web. The browser is fully optimized and comes with advanced functionality to enhance the Internet browsing feature on your phone.

▶ From the Home screen, tap (**Applications**) ➔ (**Web**).

For more information, refer to *"Web"* on page 121.

YouTube

YouTube is a video sharing website on which users can upload and share videos, and view them in MPEG-4 format.

1. From the Home screen, tap (**Applications**) ➔ (**YouTube**).
2. When the screen loads you can begin searching and viewing posted videos.

To configure YouTube Settings:

▶ Press ➔ **Settings** and configure the following parameters:

- **High quality on mobile**, when enabled, allows you to start all videos in high quality mode while you are connected to a mobile network.
- **Caption front size** allows you to set the font size used by on-screen captions. Choose from: Small, Medium, Large, or Extra Large.
- **Clear search history** allows you to clear any previous YouTube searches from appearing within the search box.
- **SafeSearch filtering** allows you to configure block settings for videos containing restricted content. This option blocks these videos from appearing within your search results. Choose from: Don't filter, Moderate, or Strict.
- **Help** provides answers to most YouTube questions.
- **Feedback** allows you to provide user feedback to YouTube.
- **Google Mobile Terms of Service**
- **YouTube Terms of Service**
- **Google Mobile Privacy Policy**
- **YouTube Privacy Policy**
- **Application version** displays the software version for the current YouTube application.

To watch a high quality video:

▶ While playing a video, press ➔ **Settings** ➔ **High quality on mobile**.

Your phone is equipped with features that allow you to quickly connect to the web.

Web

Your phone is equipped with a Google browser to navigate the mobile web. This section explains how to navigate the browser and use the basic features.

Accessing the Internet

To access the Browser:

▶ From the Home screen, tap (**Applications**) ➔ (**Web**).

Homepage

When you access the Browser, the **web2go home page** displays the following topics:

Note: The available options might be different depending on your service provider or phone software.

- **Google Search**: allows you to quickly search for online topics using the Google search engine.
- **Advertisement**: provides an on-screen advertisement bubble providing suggested phone applications.
- **More Sites**: displays different on-screen pages containing shortcuts to a variety of different applications (Email/IM, Social/Chat, etc..) and categories (Sports, Weather, En Español, My Account).
- **Downloads**: allows you to download Ringtone, Callertunes, Games, Apps, or Gift and Deals.
- **Yahoo Mail**: displays the Sign in for Yahoo Mail. Register by sending a text message with the word START to 92500 if you are not already registered.
- **Facebook**: displays the Facebook Log in. Sign up from this page if you are not already registered.
- **AccuWeather**: based on your location settings, AccuWeather displays the current weather conditions.
- **CNN**: displays current news headlines and more.
- **ESPN**: displays current sports news headlines and more.
- **E! Online**: displays current entertainment news headlines and more.
- **Mapquest**: provides access to the online mapquest site.
- **Yelp**: provides access to Yelp which is an online urban city guide that helps people find cool places to eat, shop, drink, relax and play. Its the fun and easy way to find, review and talk about what's great in your world.
- **What's Now**: provides quick access to a variety of different entertainment and shopping websites.

- **My Account**: provides quick access to your My Account page.

Navigating with the Browser

1. To select an item, touch an entry.
2. To scroll through a website, sweep the screen with your finger in an up or down motion.
3. To return to the previous page, touch .

Browser Options

▶ From the home page, press to access the following options:

- **New window**: displays a new window so you can browse multiple URLs. For more information, refer to *"Adding and Deleting Windows"* on page 123.
- **Windows**: displays a list of the windows you have open.
- **Refresh**: reloads the current page.
- **Forward**: forwards the browser to another web page.
- **Add bookmark**: allows you to add a URL to your bookmark list.
- **More**: displays the following additional options:
  - **Add shortcut to Home**: adds a shortcut to your web2go homepage on your phone's Home screen.
  - **Add RSS feeds**: adds RSS feeds to your browser.
  - **Find on page**: allows you to search in the current page.
  - **Page info**: displays information about the selected page.
  - **Share page**: allows you to share the page using Bluetooth, Email, Gmail, or as a message.
  - **Downloads**: displays the download history.
  - **Settings**: allows you to change the way you view your web pages by changing these options. See "Browser Settings" on page 125.

Entering a URL

You can access a website quickly by entering the URL. Websites are optimized for viewing on your phone.

To enter a URL and go to a particular website, follow these steps:

▶ Tap the **URL** field at the top of the screen, enter the URL and tap **Go**.

Search the Internet

To perform an internet search using keywords, follow these steps:

1. Tap the **Google** search field, enter the keyword(s) to search using the on-screen keypad.
2. Tap (**Search**). A list of search results displays.
   - Depending on which screen you are on, the search icon might also appear as .

3. Tap a link to view the website.

Adding and Deleting Windows

You can have up to four Internet windows open at one time. To add a new window, follow these steps:

1. From your browser, press and then tap **New Window.**

   – or –

   Press and then tap **Windows** ➔ **New Window**.

2. A new browser window displays.
3. Press and then tap **Windows** to see a list of all open windows.

Note: This icon will display a number that corresponds to the current number of active browser windows,

---

4. Scroll across the screen to view the currently active windows and tap an entry to launch the selected Internet window.
5. Tap next to the listing to delete the window.

Using Bookmarks

While navigating a website, you can bookmark a site to quickly and easily access it at a future time. The URLs (website addresses) of the bookmarked sites display in the Bookmarks page. From the Bookmarks page you can also view your Most visited websites and view your History.

1. From the Home webpage, tap . The **Bookmarks** page displays. Additional pages include **Most visited** and **History**.
2. Press to display the following options:
   - **Bookmark last-viewed page**: Creates a new bookmark for the last webpage that you viewed.
   - **List/Thumbnail view**: Select **Thumbnail view** (default) to view a thumbnail of the webpage with the name listed, or select **List view** to view a list of the bookmarks with Name and URL listed.
   - **Create folder**: Creates a new folder in which to store new bookmarks.
   - **Change order**: Allows you to rearrange the Bookmark on the screen.
3. Tap a bookmark to view the webpage, or touch and hold a bookmark for the following options:
   - **Open**: Opens the webpage of the selected bookmark.
   - **Open in new window**: Opens the webpage in a new window.
   - **Edit bookmark**: Allows you to edit the name or URL of the bookmark. For more

information, refer to *"Editing Bookmarks"* on page 124.

- **Add shortcut to Home**: Adds a shortcut to the bookmarked webpage to your phone's Home screen.
- **Share link**: Allows you to share a URL address via Bluetooth, Email, Gmail, or Messaging.
- **Copy link URL**: Allows you to copy the URL address to use in a message.
- **Delete bookmark**: Allows you to delete a bookmark. For more information, refer to *"Deleting Bookmarks"* on page 124.
- **Set as homepage**: Sets the bookmark to your new homepage.

Adding Bookmarks

1. From the Home webpage, tap ➔ **Add**.
2. Use the on-screen keypad to enter the name of the bookmark and the URL.
3. Assign a folder location. **Home** is the default.
4. Tap **OK**. The new save page now appears on the Bookmarks page.

Editing Bookmarks

1. From the Bookmarks page, touch and hold the bookmark you want to edit.
2. Tap **Edit bookmark**.
3. Use the on-screen keypad to edit the name of the bookmark or the URL.
4. Tap **OK**.

Deleting Bookmarks

1. From the Bookmarks page, touch and hold the bookmark you want to delete.
2. Tap **Delete bookmark**.
3. At the confirmation window, tap **OK**.

Emptying the Cookies

A cookie is a small file placed on your phone by a website during navigation. In addition to containing some site-specific information, a cookie can also contain some personal information (such as a username and password) which might pose a security risk if not properly managed. You can clear these cookies from your phone at any time.

1. From the Home webpage, press and then tap **More ➔ Settings ➔ Clear all cookie data**.
2. Tap **OK** to delete the cookies or touch **Cancel** to exit.

Using Web History

The History list displays a list of the most recently viewed websites. These entries can be used to return to previously unmarked web pages.

1. From the Home webpage, tap ➔ **History** tab.

   A list of the most recently viewed websites displays.

2. Tap an entry to display the webpage.

   – or –

   Press and then tap **Clear history** to delete the current History list.

Using Most Visited

The Most visited list provides you with a list of the most visited and bookmarked websites. These entries are used to return to previously unmarked web pages.

1. From the Home webpage, tap ➔ **Most visited** tab.

   A list of your most frequently visited webpages displays. The most frequently visited web pages display at the top of the list.

2. Tap any entry to display the selected webpage.

Browser Settings

To make configure browser settings, follow these steps:

1. From the Home screen, tap (**Applications**) ➔ (**Web**).

2. Press and then tap **More** ➔ **Settings**.

3. Choose from the following on-screen options:

   - **Default zoom**: Adjusts the zoom feature. Set to Far, Medium, or Close.
   - **Open pages in overview**: Displays an overview of recently viewed web pages.
   - **Text encoding**: Adjusts the current text encoding.
   - **Block pop-up windows**: Prevents popup advertisement or windows from appearing on-screen. Remove the checkmark to disable this function.
   - **Load images**: Allows web page images to load along with the other text components of a loaded website.
   - **Auto-fit pages**: Allows web pages to be resized to fit as much of the screen as possible.
   - **Landscape view only**: Displays the browser in only the horizontal position.
   - **Enable JavaScript**: Enables javascript for the current Web page. Without this feature, some pages may not display properly. Remove the checkmark to disable this function.
   - **Enable plug-ins**: Allows the download of plug-ins such as Adobe Flash.
   - **Open in background**: New pages are launched in a separate page and displayed behind the current one. Remove the checkmark to disable this function.

- **Set home page**: Sets the current home page for the Web browser.
- **Default storage**: Sets the default storage to Memory card.
- **Clear cache**: Deletes all currently cached data. Tap **OK** to complete the process or **Cancel** to exit.
- **Clear history**: Clears the browser navigation history. Tap **OK** to complete the process or **Cancel** to exit.
- **Accept cookies**: Allows sites, that require cookies, to save and read cookies from your device.
- **Clear all cookie data**: Deletes all current browser cookie files.
- **Remember form data**: Allows the device to store data from any previously filled out forms. Remove the checkmark to disable this function.
- **Clear form data**: Deletes any stored data from previously filled out forms. Tap **OK** to complete the process or **Cancel** to exit.
- **Enable location**: Allows websites to request access to your location.
- **Clear location access**: Clears location access for all websites. Tap **OK** to complete the process or **Cancel** to exit.
- **Remember passwords**: Stores usernames and passwords for visited sites. Remove the checkmark to disable this function.
- **Clear passwords**: Deletes any previously stored usernames or passwords. Tap **OK** to complete the process or **Cancel** to exit.
- **Show security warnings**: Notifies you if there is a security issue with the current website. Remove the checkmark to disable this function.
- **Set search engine**: Allows you to choose a default search engine for your phone. Choose from: **Google**, **Yahoo!**, or **Bing**.
- **Website settings**: View advanced settings for individual websites.
- **Reset to default**: Clears all browser data and resets all settings to default.

Bluetooth

About Bluetooth

Bluetooth is a short-range communications technology that allows you to connect wirelessly to a number of Bluetooth devices, such as headsets and hands-free car kits, and Bluetooth-enabled handhelds, computers, printers, and wireless devices. The Bluetooth communication range is usually up to approximately 30 feet.

Turning Bluetooth On and Off

To turn Bluetooth on:

1. Press ➔ and then tap (**Settings**) ➔ **Wireless and networks** ➔ **Bluetooth settings**.
2. Tap the **Bluetooth** field to activate the feature (checkmark indicates active). When active, displays in the Status area.

To turn Bluetooth off:

1. Press ➔ and then tap (**Settings**) ➔ **Wireless and networks** ➔ **Bluetooth settings**.
2. Tap the **Bluetooth** field to deactivate the feature.

Bluetooth Status Indicators

The following icons show your Bluetooth connection status at a glance:

Displays when Bluetooth is active.

Displays when Bluetooth is connected (paired) and communicating.

Bluetooth Settings

The Bluetooth settings menu allows you to set up many of the characteristics of your device's Bluetooth service, including:

- Entering or changing the name your device uses for Bluetooth communication and description
- Setting your device's visibility (or "discoverability") for other Bluetooth devices
- Displaying your device's Bluetooth address

To access the Bluetooth Settings menu:

1. Press ➔ and then tap (**Settings**) ➔ **Wireless and networks** ➔ **Bluetooth settings**.
2. Verify Bluetooth is active. Indicated by a green check mark in the Bluetooth field.
3. Tap the **Device name**, **Visible**, and **Scan devices** fields to set the options.

To change your Bluetooth name:

1. Verify Bluetooth is active.
2. From the Bluetooth settings page, tap **Device name**.
3. Enter a new name.
4. Tap **OK** to complete the rename process.

To set visibility:

1. Verify your Bluetooth is active.
2. From the Bluetooth settings page, tap **Visible**.

   Making your device visible allows other devices to pair and communicate.

Note: Your device is visible for up to 120 seconds (2 minutes). This value appears as a countdown within this field.

To scan for Bluetooth devices:

1. Verify Bluetooth is active.

2. From the Bluetooth settings page, tap **Scan devices** to search for visible external Bluetooth-compatible devices such as headsets, devices, printers, and computers.

Pairing Bluetooth Devices

The Bluetooth pairing process allows you to establish trusted connections between your device and another Bluetooth device. When you pair devices, they share a passkey, allowing for fast, secure connections while bypassing the discovery and authentication process.

Note: Pairing between two Bluetooth devices is a one-time process. Once pairing is established the devices continue to recognize their partnership and exchange information without entering a passcode.

To pair your device with another Bluetooth device:

1. Verify Bluetooth is active.
2. From the Bluetooth settings page, tap **Visible**.

   Your device must be visible to successfully pair with an external device.
3. Tap **Scan devices**. Your device displays a list of discovered in-range Bluetooth devices.
4. Tap a device from the list to initiate pairing.
5. Enter the passkey or PIN code, if needed, and tap **OK**.
6. The external device must accept the connection and enter your device's PIN code.

   Once successfully paired to an external device, displays in the Status area.

Note: Due to different specifications and features of other Bluetooth-compatible devices, display and operations may be different, and functions such as transfer or exchange may not be possible with all Bluetooth-compatible devices.

Disconnecting a Paired Bluetooth Device

Disconnecting a paired device breaks the connection between the device and your phone, but retains the knowledge of the pairing. At a later point when you wish to reconnect the device, there is no need to setup the connection information again.

1. Verify your Bluetooth is active.

2. From the Bluetooth settings page, touch the previously paired device (from the bottom of the page).
3. Tap **OK** to confirm disconnection.

   – or –

   From the Bluetooth settings page, touch and hold the name of the previously paired device, and select **Disconnect**.

Note: Disconnections are manually done but often occur automatically if the paired device goes out of range of your phone or it is powered off.

Deleting a Paired Bluetooth Device

Deleting a device from your list removes its "connection record" and upon reconnection would require that you re-enter all the previous pairing information.

1. Verify Bluetooth is active.
2. From the Bluetooth settings page, touch and hold the name of the previously paired device (from the bottom of the page). This opens the connected device's menu options.
3. Tap **Unpair** to delete the paired device.

Sending Contacts via Bluetooth

Depending on your paired devices' settings and capabilities, you may be able to send pictures, Contact information, or other items using a Bluetooth connection.

Note: Prior to using this feature, Bluetooth must first be enabled on both your phone and the external device, and the recipient's device must be visible.
Only a Contact's information can be sent via Bluetooth. No other file type (video, image, or audio) can be sent using Bluetooth.

1. Verify your Bluetooth is active and your phone is visible.
2. From the Home screen, tap (**Contacts**).
3. Touch and hold the entry from the list to display the on-screen context menu.
4. Tap **Send namecard via** ➔ **Bluetooth** and select a paired external Bluetooth device.

Note: The external Bluetooth device must be visible and communicating for the pairing to be successful.

5. A Bluetooth share notification displays in your notifications list.

Enable Downloading for Web Applications

Important!: Before you can download a web application you must insert an SD into the phone and enable the **Unknown sources** feature (enables downloading). For more information, refer to *"Installing the microSD Memory Card"* on page 7. Also, see *"Mounting the SD Card"* on page 40.

1. Press ➔ and then tap (**Settings**) ➔ **Applications**.
2. Tap the **Unknown sources** check box.
3. Tap **OK** to allow install of non-Market applications. Tap again to remove the checkmark and disable the installation of non-market applications.

Warning!: Not all Web applications are safe to download. In order to protect your phone and data, use Android Market to install web applications. For more information, refer to *"Downloading a New Google Application"* on page 111.

PC Connections

You can connect your device to a PC using an optional PC data cable using various USB connection modes. Mass storage is the default connection method.

- **Mass storage**: allows you to use the onboard storage capacity of the phone to store and upload files. This option allows your computer to detect the phone as a removable storage drive.

Connecting as a Mass Storage Device

You can connect your device to a PC as a removable disk and access the file directory. If you insert a memory card in the device, you can also access the files directory from the memory card by using the device as a memory card reader.

Note: The file directory of the memory card displays as a removable disk, separate from the internal memory.

1. Insert a memory card into the device to transfer files from or to the memory card.

Note: To use any downloaded market application that requires a USB connection between your phone and your PC, you should first set the USB setting to **Mass storage**.

2. Press to return to Idle mode.
3. Connect the multifunction jack on your device to a PC using an optional PC data cable.

   A pop-up window displays on the PC when connected.

4. Open the folder to view files.
5. Copy files from the PC to the memory card.

Enabling USB Debugging

1. Press ➔ and then tap (**Settings**) ➔ **Applications** ➔ **Development.**
2. Tap the **USB debugging** field to verify the feature is active before connecting your USB cable.

Wi-Fi

About Wi-Fi

Wi-Fi (short for "wireless fidelity") is a term used for certain types of Wireless Local Area Networks (WLAN). Wi-Fi communication requires access to an existing and accessible Wireless Access Point (WAP). These WAPs can either be Open (unsecured) as within most Hot Spots, or Secured (requiring knowledge of the Router name and password).

Note: After you complete a connection to an active Wi-Fi network, the Wi-Fi Calling feature will automatically be enabled.

Activating Wi-Fi

By default, your device's Wi-Fi feature is turned off (deactivated). Activating Wi-Fi allows your device to discover and connect to compatible in-range WAPs (Wireless Access Points).

1. Press ➔ and then tap (**Settings**) ➔ **Wireless and networks** ➔ **Wi-Fi settings**.
2. Tap **Wi-Fi** to activate the feature. A checkmark indicates that Wi-Fi is active. The device scans for available in-range wireless networks and displays them under Wi-Fi networks on the same screen.

Connecting to a Wi-Fi Network

1. Press ➔ and then tap (**Settings**) ➔ **Wireless and networks** ➔ **Wi-Fi settings**.

   The network names and security settings (Open network or Secured with WEP) of detected Wi-Fi networks display in the Wi-Fi networks section.
2. Tap the network you wish to connect to.

Note: When you select an open network you are automatically connected.

3. Enter a wireless password (if necessary).

Manually Add a New Network Connection

1. Tap **Add Wi-Fi network**.
2. Enter the Network SSID (the name of your Wireless Access Point).
3. Tap the **Security** field and select a security option. This must match the current security setting on your target WAP.
4. Enter your WAP's password if the WAP is secure.
5. Tap **Save** to store the new information and connect to the target WAP.

Note: No prompt to enter the WAP key displays if this is the second time to connect to a previously accessed or secured wireless network. The WAP key is required when the device is reset using factory default settings.

Deactivating Wi-Fi

1. Press ➔ and then tap (**Settings**) ➔ **Wireless and networks** ➔ **Wi-Fi settings**.
2. Tap the **Wi-Fi** field to deactivate the feature. The checkmark grays.

Note: Use of wireless data connections such as Wi-Fi and Bluetooth can reduce battery life and use times.

Manually Scan for a Wi-Fi Network

1. Press ➔ and then tap (**Settings**) ➔ **Wireless and networks** ➔ **Wi-Fi settings**.
2. Press and then tap **Scan**.

Wi-Fi Status Indicators

The following icons indicate the Wi-Fi connection status:

Displays when Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP).

Displays when Wi-Fi is active and there are open networks available.

Wi-Fi Advanced Settings

The Wi-Fi settings - Advanced menu allows you to set up many of the device's Wi-Fi services, including:

- Setting the Wi-Fi sleep policy
- Viewing the device's MAC Address
- Configuring use of either a DHCP or Static IP

To access the Wi-Fi Advanced Settings menu:

1. Press ➔ and then tap (**Settings**) ➔ **Wireless and networks** ➔ **Wi-Fi settings**.
2. Press and then tap **Advanced**.

Mobile AP

This feature allows you to turn your phone into a Wi-Fi hotspot. The feature works best when used in conjunction with 3G data services.

Important!: The Mobile AP service can not be active at the same time as Wi-Fi. Please close your Wi-Fi connection prior to launching the Mobile AP service.

To activate the Mobile AP service:

1. Press ➔ and then tap (**Settings**) ➔ **Wireless and networks** ➔ **Tethering and portable hotspot** ➔ **Mobile AP settings**.
2. Tap **Mobile AP** and place a checkmark in the adjacent field to activate the service.
3. Tap **Configure mobile AP** and write down the Network SSID name. This name is generally **AndroidAP**.
4. Confirm the Mobile AP service icon appears at the top of the screen.

Note: By default, the connection is open and not secured. It is recommended that you access the Mobile AP settings and create a secure connection by using a password for communication.

Note: Using your 3G service and Mobile AP Hotspot drains your phone's battery at a much faster rate than when using any other feature combination. The best way to keep using the phone as a hotspot is to have it connected to a power supply.

To connect to the Hotspot:

1. Enable Wi-Fi (wireless) functionality on your target device (laptop, media device, etc.).
2. Scan for Wi-Fi networks from the device and select your phone hotspot from the network list.
   - The default name for your phone's hotspot is **AndroidAP**.
   - You can change the name by tapping **Configure mobile AP** ➔ **Network SSID** and changing the entry.
3. Select this Hotspot and follow your on-screen instructions to complete the connection.
4. Launch your Web browser to confirm you have an Internet connection.

To secure the Mobile AP service:

The two most common methods for securing your connection to the Hotspot are to a security method (WPA2 PSK) and to Hide your phone's SSID name.

1. Press ➔ and then tap (**Settings**) ➔ **Wireless and networks** ➔ **Tethering and portable hotspot** ➔ **Mobile AP settings** ➔ **Configure mobile AP**.
2. Tap the **Security** field and select **WPA2 PSK**.
3. With security enabled, enter a new password into the **Password** field.

Important!: The more complex the password, the harder it will be for intruders to break your security. It is recommended that you not use names, birthdays, or other personal information.

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4. Tap **Save** to store the new settings.

Section 11: Time Management

This section describes how you can manage time using time-related applications such as the Calendar, Alarm Clock, Analog or Digital clock, and the World clock.

Calendar

With the Calendar feature, you can consult the calendar by day, week, or month, create events, and set an alarm to act as a reminder.

1. From the Home screen, tap (**Applications**) ➔ (**Calendar**).
2. Press and select one of the following options:
   - **Day**: displays the Day view.
   - **Week**: displays the Week view.
   - **Month**: displays the Month view.
   - **Agenda**: displays the List view. This view allows you to search for events for the selected Month, Week, or Day or you can look for events for a future date.
   - **Today**: displays only today's events.
   - **More**: provides access to additional calendar functions such as:.
     – **Create**: creates a new Event.
     – **Go to**: displays a specific date.
     – **Calendars**: provides access to various calendar accounts.
     – **Settings**: displays a list of configurable settings.

Creating a Calendar Event

1. From the Home screen, tap (**Applications**) ➔ (**Calendar**).
2. From the Month tab, press ➔ **More** ➔ **Create**.

   – or –

   Touch and hold an on-screen calendar day and select **Create**.

Calendar Settings

Using the Calendar settings you can select the day with which you want the calendar to begin. You also select how you want to view the calendar, by Month, Week, or Day or determine how to manage events, notifications, sounds, and defaults reminders.

1. From the Home screen, tap (**Applications**) ➔ .
2. Press ➔ **More** ➔ **Settings**.
3. Tap **Hide declined events** to activate this option. A check mark indicates selection.

4. Tap **First day of week** and select either **Sunday** or **Monday**.
5. Tap **Set alerts and notifications** to adjust the event notification method. Choose from: **Alert**, **Status bar notification**, and **Off**.
6. Tap **Select ringtone** to assign a ringtone to a calendar event notification.
7. Tap **Vibrate** to activate this notification option. Selections are: **Always**, **Only in Silent mode**, or **Never**.
8. Tap **Default reminder time** to activate this event reminder time value. Choose from: **None**, **1 minute**, **5 minutes**, **10 minutes**, **15 minutes**, **20 minutes**, **25 minutes**, **30 minutes**, **45 minutes**, **1 hour**, **2 hours**, **3 hours**,**12 hours**, **24 hours**, **2 days**, or **1 week**.
9. The **Build version** displays the current calendar software version.

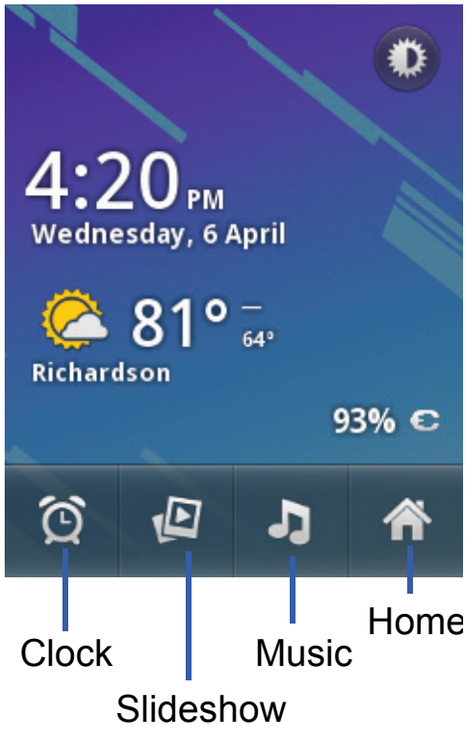
Clock

This feature allows you to create an alarm to ring at a specified time, track time in other parts of the world, use a stopwatch, or set a timer.

- From the Home screen, tap (**Applications**) ➔ (**Clock**).

Setting an Alarm

1. From the Home screen, tap (**Applications**) ➔ (**Clock**) ➔ (**Alarm**).
2. Tap (**Add alarm**).
3. Use the plus or minus symbols to enter the hour, and minutes, then tap **AM** or **PM** (toggles depending on which was last selected) and select **Set**.



4. Tap the **Repeat** field and select the number of times you want this alarm to repeat. The options are: **Never** (no options selected), **Monday**,**Tuesday**, **Wednesday**, **Thursday**, **Friday**, **Saturday**,or **Sunday**.

5. Tap the **Ringtone** field and select an audio ringtone for this alarm. This can be used to differentiate between various alarm events.
6. Tap the **Vibrate** field to activate a vibration function to this alarm event.
7. Tap the **Label** field to assign a title to this alarm event.
8. Tap **Done** to save the new alarm event.
9. Once the alarm rings, you can either select **Snooze** or **Dismiss** to cancel the alarm.

To disable an existing alarm:

- From the Alarms listing page, tap the alarm clock icon to remove the green bar below it. This green bar indicates the alarm event is active.

To enable an existing alarm:

- From the Alarms listing page, tap the alarm clock icon to activate the green bar below it. This green bar indicates the alarm event is active.

Section 12: Changing Your Settings

This section explains the sound and phone settings for your phone. It includes such settings as: display, security, memory, and any extra settings associated with your phone.

Wireless and networks

Using Flight mode

Flight mode allows you to use many of your phone's features, such as Camera, Games, and more, when you are in an airplane or in any other area where making or receiving calls or data is prohibited.

Important!: When your phone is in Airplane Mode, it cannot send or receive any calls or access online information or applications.

1. Press ➔ and then tap (**Settings**) ➔ **Wireless and networks**.
2. Tap **Flight mode**. A check mark displayed next to the feature indicates Flight mode is active.

Activating Wi-Fi

1. Press ➔ and then tap (**Settings**) ➔ **Wireless and networks** ➔ **Wi-Fi settings**.
2. Tap **Wi-Fi**. A check mark displayed indicates Wi-Fi is active.

Wi-Fi settings

Once set up for Wi-Fi connectivity, your phone automatically uses Wi-Fi, when available, for all your mobile phone services.

1. Press ➔ and then tap (**Settings**) ➔ **Wireless and networks** ➔ **Wi-Fi settings**.
2. Configure the settings as desired.

The available connection types displayed with a security type displayed next to them.

Network Notification

By default, when Wi-Fi is on, you receive notifications in the Status bar anytime your phone detects an available Wi-Fi network. You can deactivate this feature if you do not want to receive notifications.

1. Press ➔ and then tap (**Settings**) ➔ **Wireless and networks** ➔ **Wi-Fi settings**.
2. Tap **Network notification**. A check mark displayed next to the feature indicates Network notification is active.

3. Tap **Network notification** again to remove the check mark and deactivate this feature.

Manually Adding a Wi-Fi Network

1. Press ➔ and then tap (**Settings**) ➔ **Wireless and networks** ➔ **Wi-Fi settings**.
2. Tap **Wi-Fi** to turn it on.
3. Tap **Add Wi-Fi network**.
4. Enter the SSID (Service Set Identifier) and Security settings then tap **Save**.

Note: An SSID is a unique key which identifies a wireless LAN. Its purpose is to stop other wireless equipment from accessing your LAN — whether accidentally or intentionally. To communicate, wireless devices must be configured with the same SSID.

Bluetooth settings

In this menu you can activate Bluetooth, view or assign a device name, activate your phone so other Bluetooth devices can discover it, or scan for other, available Bluetooth devices with which to pair.

Activating Bluetooth

- Press ➔ and then tap (**Settings**) ➔ **Wireless and networks** ➔ **Bluetooth settings** and tap **Bluetooth** to turn it on.

Note: Bluetooth must be enabled prior to use.

Activating the Device Name

1. Activate Bluetooth.
2. Press ➔ and then tap (**Settings**) ➔ **Wireless and networks** ➔ **Bluetooth settings** ➔ **Device name**. The assigned device name displays.
3. Press to erase the current device name and enter a new name for this device using the keyboard.
4. Tap **OK** to confirm your setting.

Activating Visibility

- Press ➔ and then tap (**Settings**) ➔ **Wireless and networks** ➔ **Bluetooth settings** ➔ **Visible**.

  The phone is now activated for discovery for 119 seconds so you can pair with another device. After 119 seconds the phone becomes undiscoverable again.

Scanning for Devices

This option allows you to scan for active Bluetooth devices so you can pair with them.

1. Press ➔ and then tap

(**Settings**) ➔ **Wireless and networks** ➔ **Bluetooth settings** ➔ **Scan devices**. Your phone begins scanning and lists any discovered devices in the Bluetooth devices section.

2. Tap a device name to pair with the device.

Important!: Some Bluetooth devices are secured and require a PIN number to confirm and pair with them.

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3. Enter a PIN to pair with the device, if one is required, and tap **OK**.

Tethering

This option allows you to share your phone's mobile data connection via a direct USB connection between your phone and computer. A wireless version of this same functionality would be the Mobile AP feature.

Note: You can not mount your phone's microSD card to your computer while using the USB tethering feature. If additional software or USB drivers are required, navigate to: http://www.samsung.com/us/support/downloads.

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1. Press ➔ and then tap (**Settings**) ➔ **Wireless and networks** ➔ **Tethering and portable hotspot**.
2. Plug in the USB cable between your computer and your phone.
3. When prompted for a USB mode, press to exit the menu.
4. Tap **USB tethering** from the Tethering menu. This places a green check mark next to the entry and activates the feature. A Tethering or Hotspot active notification briefly appears on the screen. Look for the Tethering active icon in the Status bar area of the screen.

To disconnect tethering:

1. Press ➔ and then tap (**Settings**) ➔ **Wireless and networks** ➔ **Tethering and portable hotspot**.
2. Tap **USB tethering** from the Tethering menu to remove the check mark and deactivate the feature.
3. Remove the USB cable from the phone.

Mobile AP

For more information, refer to *"Mobile AP"* on page 133.

VPN settings

The VPN settings menu allows you to set up and manage Virtual Private Networks (VPNs).

Important!: Before you can use a VPN you must establish and configure one.

Adding a VPN

Before you add a VPN you must determine which VPN protocol to use: PPTP (Point-to-Point Tunneling Protocol), L2TP (Layer 2 Tunneling Protocol), L2TP/IPSec PSK (Pre-shared key based L2TP/IPSec), or L2TP/IPSec CRT (Certificate based L2TP/IPSec).

1. Press ➔ and then tap (**Settings**) ➔ **Wireless and networks** ➔ **VPN settings**.
2. Tap **Add VPN**.

To establish a PPTP (Point-to-Point Tunneling Protocol):

1. Establish a VPN name (a name for this connection).
2. Set the VPN server.
3. Enable encryption (if desired).
4. Set the DNS search domains.

To establish a L2TP (Layer 2 Tunneling Protocol):

1. Establish a VPN name (a name for this connection).
2. Set the VPN server.
3. Enable L2TP secret.
4. Set L2TP secret.
5. Set the DNS search domains.

To establish a L2TP/IPSec PSK (Pre-shared key based L2TP/IPSec):

1. Establish a VPN name (a name for this connection).
2. Set the VPN server.
3. Set IPsec pre-shared key.
4. Enable L2TP secret.
5. Set L2TP secret.
6. Set the DNS search domains.

To establish a L2TP/IPSec CRT (Certificate based L2TP/IPSec):

1. Establish a VPN name (a name for this connection).
2. Set the VPN server.
3. Enable L2TP secret.
4. Set L2TP secret.
5. Set user certificate.

Note: A user certificate must be installed to use this setting.

6. Set CA certificate.

Note: A CA certificate must be installed to use this setting.

7. Set the DNS search domains.

Mobile networks

Before you use applications such as Google Maps and find your location or search for places of interest, you must enable the Mobile networks options.

- Press ➔ and then tap (**Settings**) ➔ **Wireless and networks** ➔ **Mobile networks**.

The following options display:

Use packet data

Allows you to activate data usage on your phone.

- Press ➔ and then tap (**Settings**) ➔ **Wireless and networks** ➔ **Mobile networks** ➔ **Use packet data**.

Data Roaming

Data roaming allows you to connect to your service provider's partner networks and access data services when you are out of your service providers area of coverage.

1. Press ➔ and then tap (**Settings**) ➔ **Wireless and networks** ➔ **Mobile networks**.
2. Tap **Data roaming** to connect to data services while roaming outside your network.

   – or –

   Tap **Data roaming** again to remove the green checkmark and deactivate the feature.

Access Point Names

To use Wi-Fi you need access to a wireless access point (hotspot).

- Press ➔ and then tap (**Settings**) ➔ **Wireless and networks** ➔ **Mobile networks** ➔ **Access Point Names**. A list of the Access point names display. The active access point displays a bright green, filled circle to the right of the name.

Network Operators

Using this feature you can view the current network connection. You can also scan and select a network operator manually, or set the network selection to Automatic.

1. Press ➔ and then tap (**Settings**) ➔ **Wireless and networks** ➔ **Mobile networks**.
2. Tap **Network operators**. The current network connection displays at the bottom of the list.

Important!: You must deactivate data service prior to searching for an available network.

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3. Tap **Search networks** to manually search for a network.
4. Tap **Select automatically** to automatically select a network connection.

Note: Connecting to 2G networks slows the data transfer speed and time.

Default Setup Options

Your phone default is set to Automatic (to automatically search for an available network. You can set this option to Manual to select a network each time you connect.

1. Press ➔ and then tap (**Settings**) ➔ **Wireless and networks** ➔ **Mobile networks** ➔ **Network operators**.
2. Tap **Default Setup**.
3. Tap **Manual** to locate and connect to a network manually.

   – or –

   Tap **Automatic** to allow the device to automatically select a network.

Call Settings

To access the Call settings menu:

▶ Press ➔ and then tap (**Settings**) ➔ **Call settings**.

– or –

From the Home screen, tap ➔ **Settings** ➔ **Call settings**.

Fixed Dialing Numbers

Fixed Dial Number (FDN), allows you to restrict outgoing calls to a limited set of phone numbers.

Enabling FDN

1. Press ➔ and then tap (**Settings**) ➔ **Call settings** ➔ **Fixed Dialing Numbers**.
2. Tap **Enable FDN**.
3. At the prompt, enter your PIN2 code and tap **OK**.

Important!: Not all SIM cards use a PIN2 code. If your SIM card does not, this menu does not display.
The PIN2 code is provided by your carrier. Entering an incorrect PIN2 code could cause the phone to lock. Contact customer service for assistance.

Changing the PIN2 Code

1. Press ➔ and then tap (**Settings**) ➔ **Call settings** ➔ **Fixed Dialing Numbers**.
2. Tap **Change PIN2**.
3. At the prompt, enter your old PIN2 code.
4. At the prompt, enter a new PIN2 code.
5. Confirm your PIN2 code.

Important!: Not all SIM cards use a PIN2 code. If your SIM card does not, this menu does not display.
The PIN2 code is provided by your carrier. Entering an incorrect PIN2 code could cause the phone to lock. Contact customer service for assistance.

Managing the FDN List

When this feature is enabled, you can make calls only to phone numbers stored in the FDN list on the SIM card.

1. Press ➔ and then tap (**Settings**) ➔ **Call settings** ➔ **Fixed Dialing Numbers**.
2. Tap **Enable FDN**.
3. At the prompt, enter your PIN2 code and tap **OK**.FDN is enabled.
4. Tap **FDN list** then press and then tap **Add contact** or edit the contacts that were stored.

Important!: Not all SIM cards use a PIN2 code. If your SIM card does not, this menu does not display.
The PIN2 code is provided by your carrier. Entering an incorrect PIN2 code could cause the phone to lock. Contact customer service for assistance.

Voicemail

You can view your voicemail number from this menu.

1. Press ➔ and then tap (**Settings**) ➔ **Call settings**.
2. Tap **Voicemail service** and select **My carrier**.
3. Tap **Voicemail number** to now view your number within the Voicemail number field.

TTY Mode

This menu is used to activate or deactivate TTY mode for this device.

1. Press ➔ and then tap (**Settings**) ➔ **Call settings** ➔ **TTY mode**.
2. Tap **On** to activate the feature, or **Off** to deactivate the feature. Off is the default setting.

Configuring Call Forwarding

▶ Press ➔ and then tap (**Settings**) ➔ **Call settings** ➔ **Call forwarding**. Call forwarding configures the following call forwarding options:

- **Always forward**: incoming calls are re-routed to a secondary number that you specify.
- **Forward when busy**: forwards all your calls to voicemail when your phone is busy.
- **Forward when unanswered**: automatically forwards to your voicemail number when the phone is not answered, and otherwise allows you to enter a voicemail number.
- **Forward when unreachable**: automatically forwards to your voicemail number when the phone is not in service, or is turned off.

Configuring Additional Call Settings

Configure additional call settings using this option.

1. Press ➔ and then tap (**Settings**) ➔ **Call settings** ➔ **Additional settings.**
2. Tap one of the following options:
   - **Caller ID**: configures the way your outgoing calls are displayed. Choose from Network default, Hide number, or Show number.
   - **Call waiting**: enables call waiting functionality. When deactivated, all incoming calls are directed to your voicemail if you are already on an active call.

Sound Settings

From this menu you can control the sounds on the phone as well as configure the display settings.

▶ Press ➔ and then tap (**Settings**) ➔ **Sound**.

The following options display:

Silent mode

Silent mode is convenient when you wish to stop the phone from making noise, in a theater for example. In Silent Mode the speaker is muted and the phone only vibrates to notify you of incoming calls, or other functions that normally have a defined tone or sound as an alert.

1. Press ➔ and then tap (**Settings**) ➔ **Sound**.
2. Tap **Silent mode**.

– or –

From the Home screen, press and hold the **Lock** key until **Phone options** displays then tap **Silent mode** to activate or deactivate this mode (the current mode displays).

Setup Phone Vibration

1. Press ➔ and then tap (**Settings**) ➔ **Sound**
2. Tap **Vibrate** and select a vibration mode. Choose from: **Always**, **Never**, **Only in Silent mode**, or **Only when not in Silent mode**.

Note: The Phone vibrate setting is independent of other call sounds settings. For example, if you have Silent mode enabled with Phone vibrate, your phone won't play a ringtone, but will vibrate for an incoming call.

Adjusting the Volume Settings

The Volume menu now provides access to various volume settings within one on-screen popup menu.

1. Press ➔ and then tap (**Settings**) ➔ **Sound** ➔ **Volume**.
2. Touch and drag the on-screen slider to assign the volume settings for any of the following volume levels.
   - **Ringtone**, **Media**, **Alarm**, **System volume**, or **Notification**.
3. Tap **OK** to assign the volume levels.

Setup the Voice Call Ringtone

1. Press ➔ and then tap (**Settings**) ➔ **Sound**.
2. Tap **Phone ringtone**.
3. Tap a ringtone from the available list. The ringtone briefly plays when selected.
4. Tap **OK** to assign a ringer.

Setting a Notification Ringtone

1. Press ➔ and then tap (**Settings**) ➔ **Sound** ➔ **Notification ringtone**.
2. Tap one of the ringtones and tap **OK**.

Audible Tone Settings

The Audible touch tones and Audible selection options are used when you use the dialing pad or making a screen selection. Each time you press a key or make a selection the selected tone sounds.

1. Press ➔ and then tap

(**Settings**) ➔ **Sound**.

2. Tap **Audible touch tones** or **Audible selection**. A check mark displayed next to these features indicates active status.

Screen Lock Sounds

The screen lock sounds option is used to activate/deactivate sounds when locking and unlocking the screen.

1. Press ➔ and then tap (**Settings**) ➔ **Sound**.
2. Tap **Screen lock sounds**. A check mark displayed next to these features indicates active status.

Display Settings

In this menu, you can change various settings for the display such as the font, orientation, pop-up notifications, puzzle lock feature, animation, brightness, screen timeout, power saving mode, and tv out settings.

▶ Press ➔ and then tap (**Settings**) ➔ **Display**. The following options display:

- **Wallpapers**: assigns either the Home screen or Lock screen wallpaper images.
- **Font style**: sets the fonts used on the LCD display. Selections are: Default font. Tap **Get fonts online** to download additional fonts.
- **Brightness**: configures the LCD Brightness levels. Move the slider to adjust the brightness level.
- **Auto-rotate screen**: when enabled, the phone automatically switches from portrait to landscape orientation and vice versa. When this setting is disabled, the phone displays in portrait mode only.
- **Animation**: determines whether some or all of the window elements animate. Selections are: No animations, Some animations, or All animations.
- **Screen timeout**: adjusts the delay time before the screen automatically turns off. Selections are: 15 seconds, 30 seconds, 1 minute, 2 minutes, 10 minutes, and 30 minutes.
- **Horizontal calibration**: uses the accelerometer to calibrate the phone when held in a horizontal position.

Horizontal Calibration

Calibrate your phone by using the built-in accelerometer.

1. Press ➔ and then tap (**Settings**) ➔ **Display** ➔ **Horizontal calibration**.
2. Place the phone on a level surface and tap **Calibrate**. The phone adjusts the level of the accelerometer. During the

calibration process a green circle appears on-screen and the center circle adjusts to the center position.

Location and Security

The Location and Security settings allow you to configure phone location and security settings.

Using Wireless Networks

Before you use applications such as Google Maps and find your location or search for places of interest, you must enable the Use wireless networks option or enable the GPS satellites.

1. Press ➔ and then tap (**Settings**) ➔ **Location and security**.
2. Tap **Use wireless networks** to enable location information using the wireless network.

Enabling the GPS Satellites

1. Press ➔ and then tap (**Settings**) ➔ **Location and security**.
2. Tap **Use GPS satellites** enable the GPS satellite.

Screen Unlock Pattern Settings

To secure data and limit phone access, set the phone to require a screen unlock pattern each time you turn on the device, or every time the phone wakes up from sleep mode (when the screen automatically turns off).

Setting an Unlock Pattern

Creating a screen unlock pattern increases security on the phone. When you enable the User visible pattern field, you will draw an unlock pattern on the screen whenever you want to unlock the phone's buttons or touch screen. When you activate the User tactile feedback field, you feel vibration as feedback while drawing the pattern.

Note: Make sure the Require Pattern field is activated.

---

1. Press ➔ and then tap (**Settings**) ➔ **Location and security**.
2. Tap **Set screen lock ➔ Pattern**.
3. Read the instructions then tap **Next**.
4. Review the onscreen animation procedure for drawing a pattern and tap **Next** when you are ready to draw a pattern.
5. Draw your pattern by touching your first on-screen point. Then, **without removing your finger from the screen, drag your finger over adjacent points**

until the gray trace line overlaps each point and they are highlighted with a green circle.

6. When you have connected at least four dots in a vertical, horizontal or diagonal direction, lift your finger from the screen and tap **Continue**.
7. Confirm the new pattern by redrawing it and then tapping **Confirm**. The Unlock pattern is set.

Changing the Screen Lock Pattern

This feature allows you to change the previously stored unlock pattern and update it if necessary. This process is similar to changing your password from time to time.

1. Press ➔ and then tap (**Settings**) ➔ **Location and security**.
2. Tap **Change screen lock**.
3. Retrace your current pattern on the screen.
4. Tap **Pattern** and repeat steps 3 - 7 from the previous section.

Using Visible a Pattern

When enabled, this feature displays the onscreen lock grid that is used to unlock the phone.

PIN Lock and Unlock

1. Press ➔ and then tap (**Settings**) ➔ **Location and security**.
2. Tap **Set screen lock**.
3. Tap **PIN**.
4. Enter a PIN number using the numeric keypad and touch **Continue** to confirm the password.
5. Confirm the PIN by re-entering it and tap **OK** to confirm.

   Your phone now requires you to enter this PIN number in order to unlock the phone.

Password Lock and Unlock

1. Press ➔ and then tap (**Settings**) ➔ **Location and security**.
2. Tap **Set screen lock**.
3. Tap **Password**.
4. Enter a password using the keypad and tap **Continue** to confirm the password.
5. Confirm the password by re-entering it and tap **OK** to confirm.

Setting up SIM Card Lock

Prevent another user from using your SIM card to make unauthorized calls or from

accessing information stored on your SIM card by protecting the information using a PIN code.

1. Press ➔ and then tap (**Settings**) ➔ **Location and security**.
2. Tap **Set up SIM card lock**.
3. Tap **Lock SIM card**, enter your SIM PIN code, then tap **OK**.

Note: You must activate Lock SIM card before you can change your SIM PIN code.

To change an existing SIM Card PIN:

1. Tap **Change SIM PIN**.
2. Enter the old SIM PIN code and tap **OK**.
3. Enter the new SIM PIN code and tap **OK**.
4. Re-type the new SIM PIN code and tap **OK**.

Password Settings

When you create a phone password you can also configure the phone to display the password as you type it instead of using an asterisk (*).

1. Press ➔ and then tap (**Settings**) ➔ **Location and security**.
2. Tap **Visible passwords** to activate this feature.

Device Administration

Activating this feature allows Google to administrate your phone in a way similar to IT security settings on a corporate PC. This would be beneficial in the case that your phone was lost or stolen. The phone could be “deactivated” or “restricted” (through administration) from a remote location.

1. Press ➔ and then tap (**Settings**) ➔ **Location and security**.
2. Tap **Select device administrators** to begin configuring this setting.
3. Select an administrator device and follow the prompts.

Credential Storage

This option allows certain applications to access secure certificates and other credentials. Certificates and credentials can be installed to the SD card and password protected.

1. Press ➔ and then tap (**Settings**) ➔ **Location and security**.
2. Tap **Use secure credentials** to activate this feature. A check mark displayed next to the feature indicates secure credentials is active.

3. Tap **Install from SD card** to install encrypted certificates from the memory (SD) card.
4. Tap **Set password** to set or change the credential storage password.
5. Tap **Clear storage** to clear the storage (SD card or phone memory) of all contents and reset the credentials password.

Applications

This phone can be used for Android development. You can write applications in the SDK and install them on this device, then run the applications using the hardware, system, and network. This feature allows you to configure the device for development.

Warning!: Android Dev Phones are not intended for non-developer end-users. Because the device can be configured with system software not provided by or supported by Google or any other company, end-users operate these devices at their own risk.

Unknown Sources

Before you can download a web application you must enable the Unknown sources feature (enables downloading). Developers can use this option to install non-Market applications.

1. Press ➔ and then tap (**Settings**) ➔ **Applications**.
2. Tap **Unknown sources** to active this feature.

Note: If you are notified that you can not download a Market application because it comes from an “Unknown source”, enabling this option corrects this issue.

Managing Applications

This feature allows you to manage installed applications. You can view and control currently running services, or use the device for application development.

You can also view the amount of memory or resources used as well as the remaining memory and resources for each of the applications on your phone and clear the data, cache, or defaults.

- ▶ Press ➔ and then tap (**Settings**) ➔ **Applications** ➔ **Manage applications**.

Clearing Application Cache and Data

Important!: You must have downloaded applications installed to use this feature.

---

1. Press ➔ and then tap (**Settings**) ➔ **Applications** ➔ **Manage**

applications.

2. Tap the **Downloaded** tab and select your desired application.
3. Tap **Force stop**, **Clear data**, **Clear cache**, **Clear defaults** or **Show all**.

Uninstalling Third-party Applications

Important!: You must have downloaded applications installed to use this feature.

1. Press ➔ and then tap (**Settings**) ➔ **Applications** ➔ **Manage applications**.
2. Tap the **Downloaded** tab and select your desired application.
3. Tap **Uninstall** (from within the top area of the Application info page).
4. At the prompt, tap **OK** to uninstall the application.
5. Select a reason for uninstalling the application, then tap **OK**.

Moving Third-party Applications to your SD Card

Your phone's built in memory is augmented by using a microSD card to store additional data. When the phone's built-in memory capacity is reached, it can be possible to move some applications over to the internal microSD card. Freeing up memory space on the phone can help avoid any sluggish performance when the phone has to work harder to manage memory resources.

Since there is a limited amount of on-board memory, it is recommended that you move your applications to the internal SD card when possible.

Important!: Only certain downloaded applications are capable of being moved from phone to card.

1. Press ➔ and then tap (**Settings**) ➔ **Applications** ➔ **Manage applications**.
2. Tap the **Downloaded** tab and select your desired application.
3. Tap **Move to SD card** (from within the Storage section of the Application info page).

Once the application has been moved to the microSD card, this button now reads "Move to phone".

Running Services

The Running services option allows you to view and control currently running services such as Backup, Google Talk, SNS (messaging), Swype, and more.

1. Press ➔ and then tap

(**Settings**) ➔ **Applications** ➔ **Running services**

The screen displays all the processes that are running.

2. Tap a process to stop the process from running.

   When you stop the process the service or application will no longer run until you start the process or application again.

Important!: Stopping a process might have undesirable consequences on the application.

Android Development

▶ Press ➔ and then tap (**Settings**) ➔ **Applications** ➔ **Development**.

Important!: These features are used for development purposes only.

USB Debugging

This feature is used for development purposes and for use with the Kies mini software. For more information, refer to *"PC Connections"* on page 130.

Stay awake

This feature is used to set the screen to never go into sleep mode while the phone is charging.

Allowing Mock Locations

This feature is used for development purposes only.

If you are a developer who is testing a GPS applications using this device, you can tell the device that the phone is at different GPS locations. In other words, the phone is allowed to "mock" the coordinates.

Accounts and Synchronization

Your phone provides the ability to synchronize data from a variety of different sources or sites. These accounts can range from Google, a Corporate Microsoft Exchange Email Server, and other social sites such as Facebook, Twitter, and MySpace. Corporate and Google accounts provide the ability to synchronize Calendar events and Contacts.

To enable the auto-sync feature:

1. Press ➔ and then tap (**Settings**) ➔ **Accounts and sync**.

2. Tap **Auto-sync**. A green checkmark indicates the feature is enabled. This feature enables the synchronization of data between your phone and external sites or servers.
   - The three main components are Contacts Email, and Calendar Events. Before these can be synchronized, they must be added to the managed accounts list.
   - **Background data**: allows your phone to use data in the background.

Synchronizing a Google Account

By default, there are no accounts managed by the device. These must be manually added.

To manage an existing Google account:

1. Press ➔ and then tap (**Settings**) ➔ **Accounts and sync**.
2. Tap **Add account** ➔ **Google**.
3. Tap **Next** ➔ **Sign in**.

Note: If you do not already have a Google account, tap **Create** and follow the on-screen prompts to create your new account.

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4. Touch the **Username** (@gmail.com) and **Password** fields and enter your information.
5. Tap **Sign in**. Your phone then communicates with the Google servers to confirm your information. Your existing Gmail account then appears within the **Manage accounts** area of the screen.
   - Any changes or updates to your Gmail account are then automatically updated to your device.

To configure the Google management settings:

1. Press ➔ and then tap (**Settings**) ➔ **Accounts and sync**.
2. Tap within the Google account field to reveal the account's synchronization settings screen.
3. Tap the parameters you wish to synchronize (**Sync Contacts**, **Sync Gmail**, or **Sync Calendar**). A green checkmark indicates the feature is enabled.
4. Press to return to the previous screen.

For more information, refer to *"Synchronizing Contacts"* on page 73.

Synchronizing Your Corporate Account

By default, there are no Corporate Calendar events managed by the device. These must be manually added.

Note: Once a corporate email account is created, it is automatically added as a managed account.

Use the following procedure to configure your phone to synchronize with a corporate email account.

1. From the Home screen, tap (**Applications**)➔ **Settings** ➔ **Accounts and sync**.

   – or –

   Press ➔ and then tap (**Settings**) ➔ **Accounts and sync**.

2. Locate the email account containing the events you wish to synchronize.
3. Tap within the adjacent account field to reveal the account's synchronization settings screen.
4. Toggle the check mark adjacent to either the Sync Contacts or Sync Calendar fields to manually sync the account.

Privacy Settings

Location settings, backup configurations, or reset the phone to erase all personal data.

- Press ➔ and then tap (**Settings**) ➔ **Privacy**.

Mobile Backup and Restore

The phone can be configured to back up your current settings, application data and settings.

1. Press ➔ and then tap (**Settings**) ➔ **Privacy**.
2. Tap **Back up my data** to create a backup of your current phone settings and applications.
3. Tap **Automatic restore** to assist in the re-installation of a previously installed application (including preferences and data).

Factory Data Reset

From this menu you can reset your phone and sound settings to the factory default settings.

1. Press ➔ and then tap (**Settings**) ➔ **Privacy**. (You will see a disclaimer.)
2. Touch **Factory data reset** ➔ **Reset phone.**

3. If necessary, enter your password and touch **Erase everything**.

   The phone resets to the factory default settings automatically and when finished displays the Home screen.

SD Card & Phone Storage

From this menu you can view the memory allocation for the memory card as well as mount or unmount the SD card.

For more information about mounting or unmounting the SD card, see *"Using the SD Card"* on page 39.

To view the memory allocation for your external SD card:

▶ Press ➔ and then tap (**Settings**) ➔ **SD card and phone storage**.The available memory displays under the Total space and Available space headings.

Search Settings

You can use your phone's search preferences to configure some aspects of Google Web search (for example, whether it makes suggestions below the Quick Search Box as you type), and what phone features you want to include in searches.

1. Press ➔ and then tap (**Settings**) ➔ **Search**.

2. Tap any of the following search parameters to then alter the settings:

   - **Google search** opens a screen where you can set your Google search preferences.
     - **Show web suggestions**: includes search matches from Google's online search engine.
     - **Use My Location**: uses your My Location information for Google search results and services.
     - **Search history**: determines whether you also wish to included personalized search history results in the list of matches.
     - **Manage search history**: helps to manage the personalized search history associated with your current registered Google account.
   - **Searchable items**: opens a screen where you can choose the search categories included in device searches. such as: **Web, Apps**, **Contacts**, **Memo, Messaging, Music**, or **Voice Search**.
   - **Clear shortcuts**: erases the history for recently selected search results.

Language & Keyboard Settings

This setting allows you to configure the language in which to display the menus. You can also set on-screen keyboard options.

▶ Press ➔ and then tap (**Settings**) ➔ **Language and keyboard**.

Language Settings

To set the language that the menus display on the phone:

1. Press ➔ and then tap (**Settings**) ➔ **Language and keyboard** ➔ **Select language**.
2. Select a language and region from the list.

Select Input Method

There are two input methods available: Swype and Samsung keypad.

1. Press ➔ and then tap (**Settings**) ➔ **Language and keyboard** ➔ **Select input method**.
2. Select an input method.

Samsung Keyboard Settings

For more information, refer to *"Selecting the Text Input Method"* on page 54.

1. Press ➔ and then tap (**Settings**) ➔ **Language and keyboard** ➔ **Samsung keypad**.
2. Tap **Portrait Keypad types** and select a text input method:
   - Qwerty Keypad
   - 3x4 Keypad
3. Tap **Input languages** and select a language.
4. Tap **XT9** to use XT9 Predictive text method. For more information, refer to *"Text Input Methods"* on page 54.
5. Tap the **Keypad sweeping** field if you want to sweep the keypad and change from **ABC** to **?123** mode. For more information, refer to *"Text Input Methods"* on page 54.
6. Tap the **Auto-capitalization** field to automatically capitalize the first letter of a sentence.
7. Tap **Voice input** to activate the Voice input feature. This is an experimental feature that uses Google's networked speech recognition application.
8. Tap **Auto-full stop** to automatically insert a full stop by tapping the space bar twice.
9. Tap the **Tutorial** field to view a short tutorial on use of the Samsung keyboard.

XT9 Advanced Settings

The following XT9 Advanced settings are available when the XT9 field is selected.

1. Tap the **XT9** field to select XT9 (predictive text) mode, then tap **XT9 advanced settings**.
2. Tap the **Word completion** field to enable word completion. Your phone predicts how to complete the word typed.
3. Tap the **Word completion point** field then tap **2 letters**, **3 letters**, **4 letters**, or the **5 letters** radio button. Word completion begins after 2 or more (depending on your selection).
4. Tap the **Spell correction** field. This option corrects typographical errors by selecting from a list of possible words that reflect the characters of the keys you touched as well as the characters of nearby keys.
5. Tap the **Next word prediction** field to enable word prediction.
6. Tap the **Auto-append** field to automatically add predictions.
7. Tap the **Auto-substitution** field to automatically replace words that you are typing. This option assists with correcting misspelled words.
8. Tap the **Regional correction** field. This option sets the device to automatically correct mistyped words according to normal spelling for your region.
9. Tap the **Recapture** field. This option sets the device to re-display the word suggestion list when you select the wrong word from the list.
10. To add a new word to the T9 dictionary: Tap the **XT9 my words** field, then press and then tap **Add**. Enter the new word in the **Register to XT9 my words** field, then tap **Done**.
11. Tap **XT9 auto-substitution** to add words to substitute (for example youve becomes you've). A list of substitutions displays.
12. If you do not see the substitution you want, press and then tap **Add**, then input the Shortcut word and Substitution word.
13. Tap **Done**.

Voice Input and Out Settings

Configuring Voice Input Recognition

This feature allows the phone to correctly recognize verbal input.

1. Press ➔ and then tap (**Settings**) ➔ **Voice input and output** ➔ **Voice recognition settings**.
2. Configure the available options to alter the settings associated with this feature:
   - **Language**: selects an input language and associated dialect recognition (if available).
   - **SafeSearch**: sets the explicit image filter settings. These settings apply to only Google voice search results. Choose from: **Off**, **Moderate**, or **Strict**.
   - **Block offensive words**: allows you to block recognition of known offensive words or language. (A green check mark indicates the feature is active).
   - **Show hints**: displays hints on a search box.
3. Press to return to the previous screen.

Configuring Text-to-speech

This feature allows the phone to provide a verbal readout of on-screen data such as messages and incoming caller information.

1. Press ➔ and then tap (**Settings**) ➔ **Voice input and output** ➔ **Text-to-speech settings**.
2. Configure the available options to alter the settings associated with this feature:
   - **Listen to an example**: plays a short example of what the text-to-speech feature sounds like on your device when activated.
   - **Always use my settings**: accepts an override of application settings with personal configurations for this text-to-speech settings screen. If enabled, your device defaults to using the text-to-speech feature.
   - **Default engine**: sets the speech synthesis engine that will be used for the spoken text. Choices include: **Pico TTS**.
   - **Install voice data**: assists in installation of voice data applications necessary for voice synthesis.
   - **Speech rate**: adjusts the rate at which on-screen text is spoken by the device. Choose from: **Very slow**, **Slow**, **Normal**, **Fast**, and **Very fast**.
   - **Language**: assigns the language used for verbal readout. Choose from American English or Spanish.
   - **Pico TTS**: configures the pico TTS settings for various languages.

Accessibility Settings

This service is able to collect all the text you type, including personal data credit card numbers except passwords. It may also log your user interface interactions. It comes from the applications such as KickBack, SoundBack, and TalkBack.

1. Press ➔ and then tap (**Settings**) ➔ **Accessibility**.
2. Tap **OK** if prompted to install a screen reader from the Android market.

Note: Initially, it might be necessary to download accessibility applications from the Android Market (ex: TalkBack).

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3. Tap **Accessibility** to activate the feature, then select the services for which you want data to log.
4. Select **The power key ends calls** field to activate this feature which ends any current calls.

Date and Time

This menu allows you to change the current time and date displayed.

1. Press ➔ and then tap (**Settings**) ➔ **Date and time**.
2. Tap **Automatic** to allow the network set the date and time.

Important!: Deactivate **Automatic** to manually set the rest of the options.

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3. Tap **Set date** and use the plus or minus icons to set the **Month**, **Day**, and **Year** then touch **Set**.
4. Tap **Select time zone**, then touch a time zone.
5. Tap **Set time** and use the plus or minus icons, set **Hour**, and **Minute**. Touch **PM** or **AM**, then tap **Set**.
   - Optional: Tap **Use 24-hour format**. If this is not selected the phone automatically uses a 12-hour format.
6. Tap **Select date format** and touch the date format type.

About Phone

This menu contains legal information, system tutorial information, and other phone information such as the model number, firmware version, baseband version, kernel version, and software build number.

To access phone information:

▶ Press ➔ and then tap (**Settings**) ➔ **About phone**. The following information displays:

- **Status**: displays the battery status, the phone number for this device, the network

connection, signal strength, mobile network type, service state, roaming status, mobile network state, IMEI number, IMEI SV, Wi-Fi MAC address, Bluetooth address, and Up time.

- **Battery use**: displays the applications or services (in percentages) that are using battery power.
- **Legal information**: This option displays information about Open source licenses as well as Google legal information. This information clearly provides copyright and distribution legal information and facts as well as Google Terms of Service, Terms of Service for Android-powered Phones, and much more pertinent information as a reference.
  Read the information and terms, then press to return to the Settings menu.
- **System tutorial**: provides a quick, online tutorial that walks you through basic phone features. Read the on-screen information and follow the system prompts.
- **Model number**: displays the phone's model number.
- **Android version**: displays the firmware version loaded on this handset.
- **Baseband version**: displays the baseband version loaded on this handset.
- **Kernel version**: displays the kernel version loaded on this handset.
- **Build number**: displays the software, build number.

Note: Firmware, baseband, kernal and build numbers are usually used for updates to the handset or support. For additional information please contact your service representative.

Section 13: Health and Safety Information

Getting the Most Out of Your Reception

Keeping Tabs on Signal Strength

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal. If you're inside a building, being near a window may give you better reception.

Understanding How Your Phone Operates

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your call controls the power level. This power can range from 0.006 watts to 0.2 watts in digital mode.

Knowing Radio Frequency Safety

The design of your phone complies with updated NCRP standards described below. In 1991-92, the Institute of Electrical and Electronics Engineers (IEEE) and the American National Standards Institute (ANSI) joined in updating ANSI's 1982 standard for safety levels with respect to human exposure to RF signals. More than 120 scientists, engineers and physicians from universities, government health agencies, and industries developed this updated standard after reviewing the available body of research. In 1993, the Federal Communications Commission (FCC) adopted this updated standard in a regulation. In August 1996, the FCC adopted a hybrid standard consisting of the existing ANSI/IEEE standard and the guidelines published by the National Council of Radiation Protection and Measurements (NCRP).

Maintaining Your Phone's Peak Performance

There are several simple guidelines for operating your phone properly and maintaining safe, satisfactory service.

- Speak directly into the mouthpiece.
- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery. If it's inoperable, return it to a dealer store or call Customer Support for service.

Note: For the best care of your phone, only authorized personnel should service your phone and accessories. Faulty service may void the warranty.

Maintaining Safe Use of and Access to Your Phone

Failure to follow the instructions outlined may lead to serious personal injury and possible property damage.

Using Your Phone While Driving

Talking on your phone while driving (or operating the phone without a hands-free device) is prohibited in some jurisdictions. Laws vary as to specific restrictions. Remember that safety always comes first.

When using your phone in the car:

- Get to know your phone and its features, such as speed dial and re-dial.
- When available, use a hands-free device.
- Position your phone within easy reach.
- Let the person you are speaking to know you are driving. If necessary, suspend the call in heavy traffic or hazardous weather conditions.
- Do not take notes or look up phone numbers while driving.
- Dial sensibly and assess the traffic. If possible, place calls when stationary or before pulling into traffic.
- Do not engage in stressful or emotional conversations that may divert your attention from the road.
- Dial 911 to report serious emergencies. It's free from your wireless phone.
- Use your phone to help others in emergencies.
- Call roadside assistance or a special non-emergency wireless number when necessary.

Following Safety Guidelines

To operate your phone safely and efficiently, always follow any special regulations in a given area. Turn your phone off in areas where use is forbidden or when it may cause interference or danger.

Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, RF signals from wireless phones may affect inadequately shielded electronic equipment.

RF signals may affect improperly installed or inadequately shielded electronic operating systems and/or entertainment systems in motor vehicles. Check with the manufacturer or their representative to determine if these systems are adequately shielded from external RF signals. Also check with the manufacturer regarding any equipment that has been added to your vehicle.

Consult the manufacturer of any personal medical devices, such as pacemakers and hearing aids, to determine if they are adequately shielded from external RF signals.

Note: Always turn off the phone in health care facilities and request permission before using the phone near medical equipment.

Turning Off Your Phone Before Flying

Turn off your phone before boarding any aircraft. To prevent possible interference with aircraft systems, U.S. Federal Aviation Administration (FAA) regulations require you to have permission from a crew member to use your phone while the plane is on the ground. To prevent any risk of interference, FCC regulations prohibit using your phone while the plane is in the air.

Turning Off Your Phone in Dangerous Areas

To avoid interfering with blasting operations, turn off your phone when in a blasting area or in other areas with signs indicating that two-way radios should be turned off. Construction crews often use remote-control RF devices to set off explosives.

Turn off your phone when you are in an area with a potentially explosive atmosphere. Although it is rare, your phone or its accessories could generate sparks. Sparks could cause an explosion or a fire resulting in bodily injury or even death. These areas are often, but not always, clearly marked.

These areas include:

- Fueling areas such as gas stations.
- Below deck on boats.
- Fuel or chemical transfer or storage facilities.
- Areas where the air contains chemicals or particles such as grain, dust, or metal powders.
- Any other area where you would normally be advised to turn off your vehicle's engine.

Note: Never transport or store flammable gas, liquid, or explosives in the compartment of your vehicle that contains your phone or its accessories.

Restricting Children's Access to your Phone

Your phone is not a toy. Children should not be allowed to play with it because they could hurt themselves and others, damage the phone, dial 911 by mistake, or make calls that increase your phone bill.

Warning Regarding Display

The display on your handset is made of glass or acrylic and could break if your handset is dropped or if it receives significant impact. Do not use if screen is broken or cracked as this could cause injury to you.

Caring for the Battery

Protecting Your Battery

The guidelines listed below help you get the most out of your battery's performance.

- Use only Samsung approved batteries and desktop chargers. These chargers are designed to maximize battery life. Using other batteries or chargers voids your warranty and may cause damage.
- In order to avoid damage, charge the battery only in temperatures that range from 32º F to 113º F (0º C to 45º C).
- Don't use the battery charger in direct sunlight or in high humidity areas, such as the bathroom.
- Never dispose of the battery by incineration.
- Keep the metal contacts on top of the battery clean.
- Don't attempt to disassemble or short-circuit the battery.
- The battery may need recharging if it has not been used for a long period of time.
- It's best to replace the battery when it no longer provides acceptable performance. When used correctly, the battery can be recharged hundreds of times before it needs replacing.
- Don't store the battery in high temperature areas for long periods of time. It's best to follow these storage rules:
    - Less than one month:
      -4º F to 140º F (-20º C to 60º C)
    - More than one month:
      -4º F to 113º F (-20º C to 45º C)

Disposal of Lithium Ion (LiIon) Batteries

For safe disposal options of your LiIon batteries, contact your nearest service center.

Special Note: Be sure to dispose of your battery properly. In some areas, the disposal of batteries in household or business trash may be prohibited.

Note: For safety, do not handle a damaged or leaking LiIon battery.

Acknowledging Special Precautions and Industry Canada Notice

Cautions

Any changes or modifications to your phone not expressly approved in this document could void your warranty for this equipment, and void your authority to operate this equipment. Only use approved batteries, antennas, and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if said accessories cause damage or a defect to the phone.

Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending, or sitting on it.

Information to User

This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation; if this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient/relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

Warning!: At very high volumes, prolonged listening to a headset can damage your hearing.

Specific Absorption Rates (SAR) for Wireless Phones

The SAR is a value that corresponds to the relative amount of RF energy absorbed in the head of a user of a wireless handset.

The SAR value of a phone is the result of an extensive testing, measuring, and calculation process. It does not represent how much RF the phone emits. All phone models are tested at their highest value in strict laboratory settings. However, when in operation the SAR of a phone can be substantially less than the level reported to the FCC. This is because of a variety of factors including its proximity to a base station antenna, phone design, and other factors. What is important to remember is that each phone meets strict federal guidelines. Variations in SARs do not represent a variation in safety.

All phones must meet the federal standard, which incorporates a substantial margin of safety. As stated above, variations in SAR values between different model phones do not mean variations in safety. SAR values at or below the federal standard of 1.6 W/kg are considered safe for use by the public.

The highest reported SAR values of the T499 are:

GSM 850: Head: 0.44 W/Kg; Body-worn: 1.12 W/Kg

GSM 1900: Head: 0.77 W/Kg; Body-worn: 0.76 W/Kg

WCDMA 1700: Head: 0.91 W/Kg; Body-worn: 0.58 W/Kg

WLAN: Head: 0.28 W/Kg; Body-worn: 0.19 W/Kg

Owner's Record

The model number, regulatory number, and serial number are located on a nameplate inside the battery compartment. Record the serial number in the space provided below. This will be helpful if you need to contact us about your phone in the future.

Model: **SGH-T499**

Serial No.:

Section 14: Warranty Information

STANDARD LIMITED WARRANTY

What is Covered and For How Long? SAMSUNG Electronics Canada Inc. ("SAMSUNG") warrants to the original purchaser ("Purchaser") that SAMSUNG's phones and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

Phone 1 Year

Batteries 1 Year

Leather Case 90 Days

Holster 90 Days

Other Phone Accessories 1 Year

What is Not Covered? This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abuse, neglect, unusual physical, electrical or electromechanical stress, or modification of any part of Product, including antenna, or cosmetic damage; (b) equipment that has the serial number removed or made illegible; (c) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (d) malfunctions resulting from the use of Product in conjunction with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (e) defects or damage from improper testing, operation, maintenance, installation, or adjustment; (f) installation, maintenance, and service of Product; or (g) Product used or purchased outside Canada. This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if: (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery; (ii) any of the seals on the battery are broken or show evidence of tampering; or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

What are SAMSUNG's Obligations? During the applicable warranty period, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to an authorized phone service facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-800-Samsung. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired/replaced leather cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Products will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of SAMSUNG. If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

What Are the Limits On SAMSUNG's Liability? EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

·THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE;

·WARRANTIES OF TITLE OR NON-INFRINGEMENT;

·DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;

·THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR

·COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

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